

**COMANDI
INDICATORE
LIVELLO
CARBURANTE/OLIO
E SERBATOI OLIO
FRENI/FRIZIONE**

*FUEL/OIL LEVEL SENDERS
AND CLUTCH/BRAKE
FLUID TANKS*

• Istruzioni per ricerca modello

• Model research instructions

Per facilitare la scelta del modello adatto alle specifiche esigenze di applicazione, il capitolo è stato realizzato suddividendo i comandi "sensore livello" secondo le seguenti caratteristiche:

- tipologia flangia di fissaggio (plastica, acciaio, fissaggio viti, fissaggio baionetta e fissaggio a ghiera)
- n° di raccordi per aspirazione/ritorno combustibile dagli iniettori o aspirazione/ritorno dalle funzioni ausiliarie

All'inizio di ogni singola sezione sono indicati gli schemi elettrici, identificati con il simbolo "ⓘ", i valori ohmici delle resistenze indicati con il simbolo "⊞" e le forature di fissaggio con il simbolo "⊞⊞".

La combinazione dei simboli posta sotto ogni P/N (Es: ⓘ=1, ⊞=2, ⊞⊞=1) identifica, in modo preciso, le caratteristiche tecniche dello stesso.

To make the choice of the suitable model easier, "fuel level senders" have been subdivided according to the following features:

- type of locking flange (plastic, steel, screw fixing, bayonet socket and metal ring fixing)
- n° of nipples for fuel intake/return from the injectors or intake/return from auxiliary functions

At the beginning of every section it is possible to find wiring diagrams identified by "ⓘ", resistance ohmic values identified by "⊞" and fixing holes by "⊞⊞". The sequence of symbols placed under every P/N (for ex. ⓘ=1, ⊞=2, ⊞⊞=1) exactly identifies the technical features of that P/N.

ⓘ = schema elettrico - wiring diagram

⊞ = tabella valore ohmico - ohmic value table

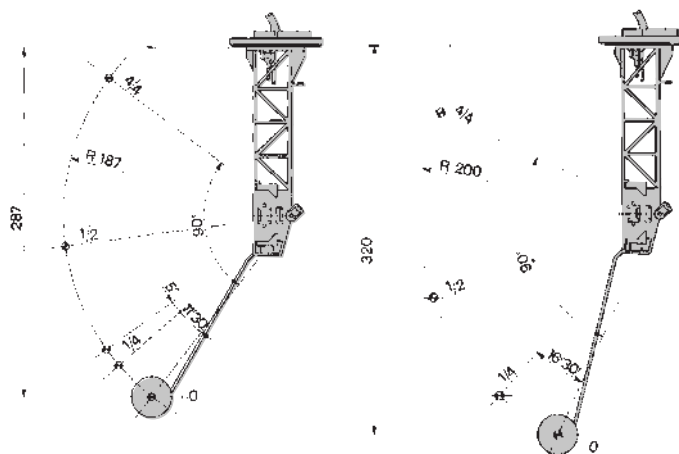
⊞⊞ = foratura - fixing hole

⊞⊞⊞ = tabella pressione max di utilizzo - max working pressure table

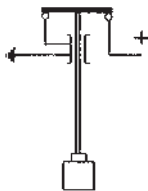
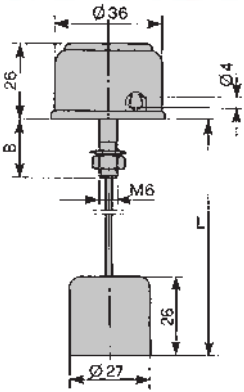
I dispositivi sono suddivisi nelle singole sezioni secondo l'ampiezza crescente dell'escursione del galleggiante e secondo l'altezza del sensore di livello che caratterizza le dimensioni del serbatoio.

The devices are subdivided into each section according to the growing amplitude of the float excursion and according to senders height, which affects tank dimensions.

Esempio escursione galleggiante Example of float excursion

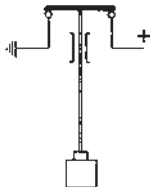
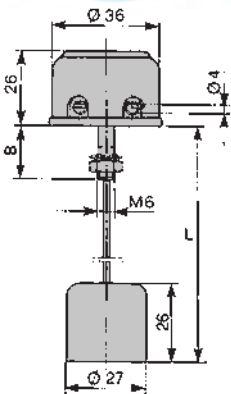


- Comandi sensori livello olio freni idraulici
- *Brake fluid level senders*



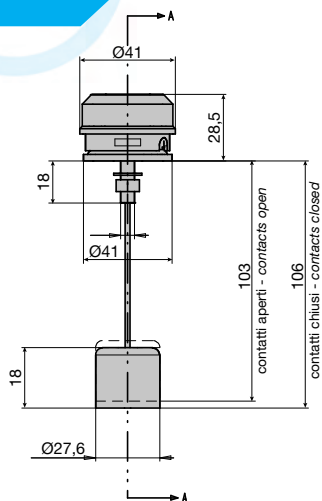
- Carico max 0,5 Amp "N.C."
- Max load 0,5 Amp "N.C."

P/N	L=mm.	B=mm.
29.004.000	53	14
29.003.000	61	18
29.002.000	82	18
29.001.000	106	18



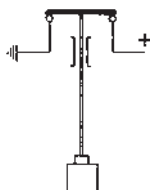
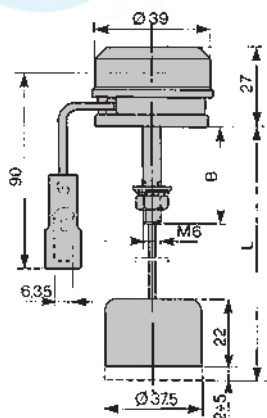
- Carico max 0,5 Amp "N.C."
- Max load 0,5 Amp "N.C."

P/N	L=mm.	B=mm.
29.008.000	53	14
29.006.000	82	18
29.005.000	106	18



- Carico max 0,5 Amp "**N.C.**"
- Max load 0,5 Amp "**N.C.**"

P/N	L=mm.	B=mm.
29.005.000	106	18



- Carico max 0,5 Amp "**N.C.**"
- Max load 0,5 Amp "**N.C.**"

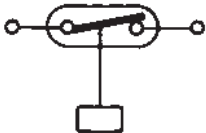
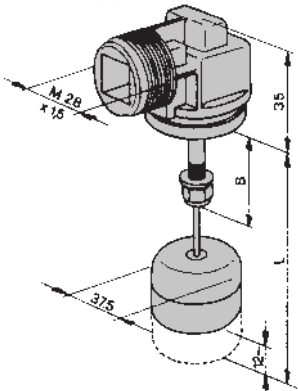
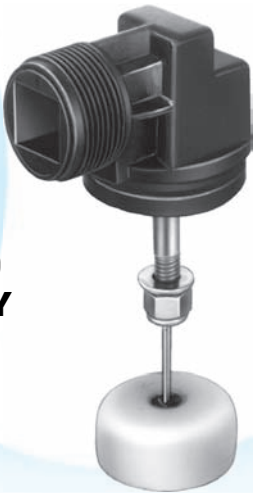
P/N	L=mm.	B=mm.
29.056.000	90	34,5

P/N	L=mm.	B=mm.

P/N	L=mm.	B=mm.

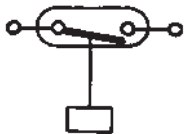
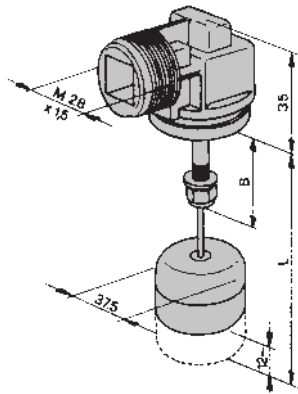
- Comandi sensori livello olio freni/frizione
- Brake/clutch fluid level senders

RELAY REED
TECHNOLOGY



- Carico max 0,5 Amp **"N.C."**
- Max load 0,5 Amp **"N.C."**

P/N	L=mm.	B=mm.
29.100.000	90,7	34,5
29.106.000	100,7	34,5

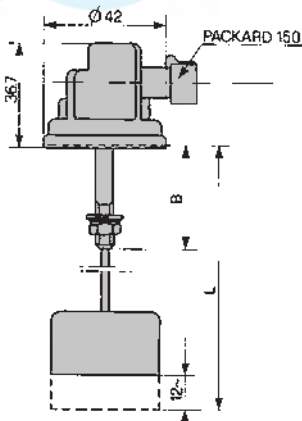


- Carico max 0,5 Amp **"N.O."**
- Max load 0,5 Amp **"N.O."**

P/N	L=mm.	B=mm.
29.126.000	58,7	35,2
29.136.000	83,7	35,2

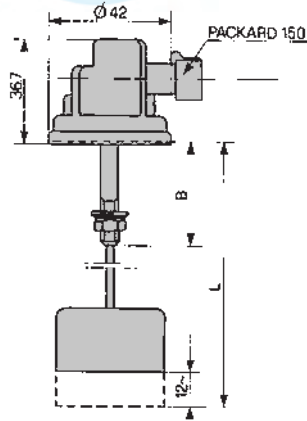
- Comandi sensori livello olio freni/frizione
- *Brake/clutch fluid level senders*

RELAY REED TECHNOLOGY



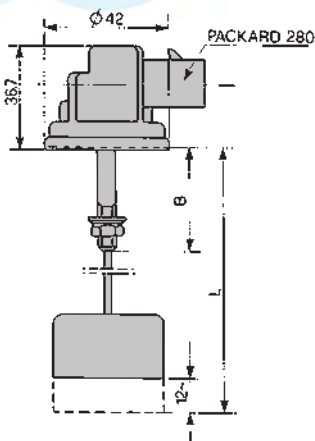
- Carico max 0,5 Amp **"N.C."**
- Max load 0,5 Amp **"N.C."**

P/N	L=mm.	B=mm.
29.152.000	90,7	35,2
29.153.000	100,7	35,2



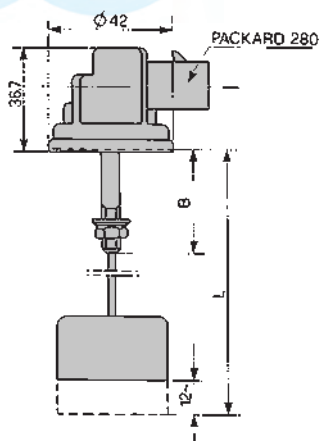
- Carico max 0,5 Amp **"N.O."**
- Max load 0,5 Amp **"N.O."**

P/N	L=mm.	B=mm.
29.155.000	90,7	35,2
29.156.000	100,7	35,2



- Carico max 0,5 Amp **"N.O."**
- Max load 0,5 Amp **"N.O."**

P/N	L=mm.	B=mm.
29.161.000	83,7	35,2



- Carico max 0,5 Amp **"N.C."**
- Max load 0,5 Amp **"N.C."**

P/N	L=mm.	B=mm.
29.193.000	83,7	35,2

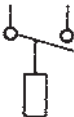
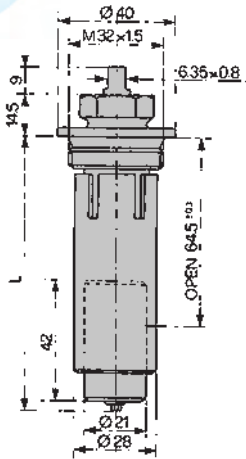
P/N	L=mm.	B=mm.

P/N	L=mm.	B=mm.

P/N	L=mm.	B=mm.

- **Comandi basso livello olio motore/trasmissione**
- **Low engine/gearbox oil level senders**

RELAY REED TECHNOLOGY



- Carico max 0,5 Amp - 12V
Temp. max - 40° ÷ +120°C **"N.O."**
- Max load 0,5 Amp "nc" - 12V
Max temp. - 40° +120°C **"N.O."**

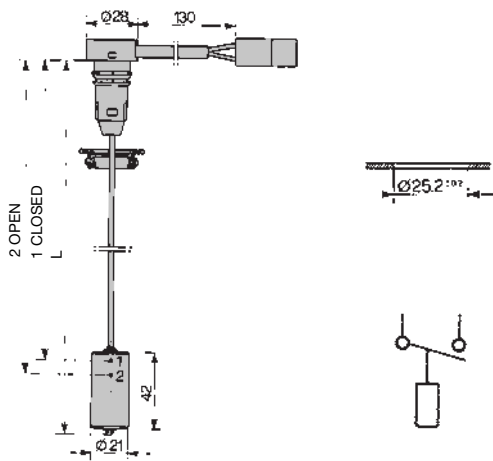
P/N	L=mm.	B=mm.
29.129.000	94	

P/N	L=mm.	B=mm.

P/N	L= mm.	B=mm.

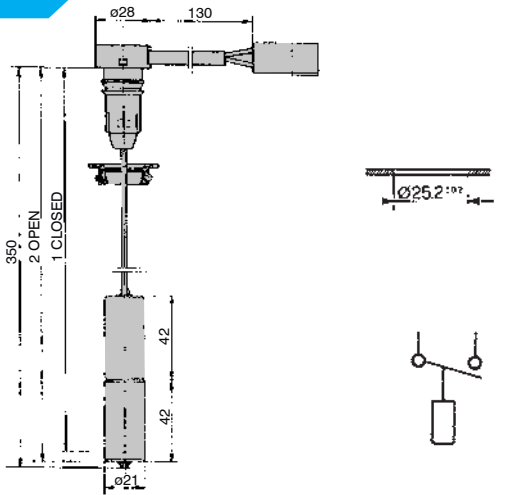
- Comandi basso livello liquido di raffreddamento
- Low cooling liquid level senders

RELAY REED TECHNOLOGY



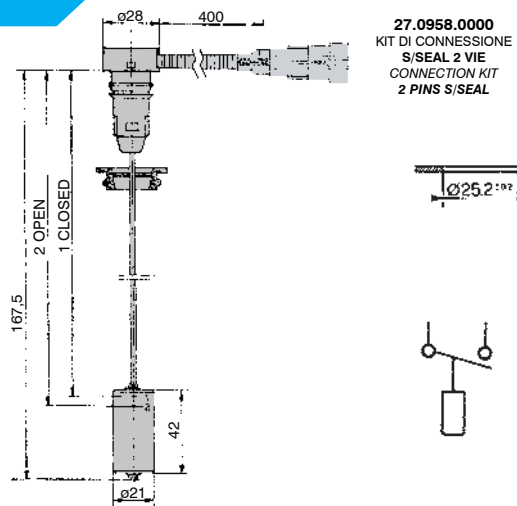
- 1 • Contatti Reed chiusi
Reed contacts closed
 - 2 • Contatti Reed aperti
Reed contacts open
- Temp. max - 40° ÷ +120°C "N.O."
Max temp. - 40° +120°C "N.O."

P/N	Carico max Max load	L=mm.	1=mm.	2=mm.
29.246.000	0,5 Amp - 12V	145	108,5	113,5
29.0611.0000	0,5 Amp - 12V	157	114,5	119,5
29.138.000	0,5 Amp - 12V 0,3 Amp - 24V	198	155,5	160,5



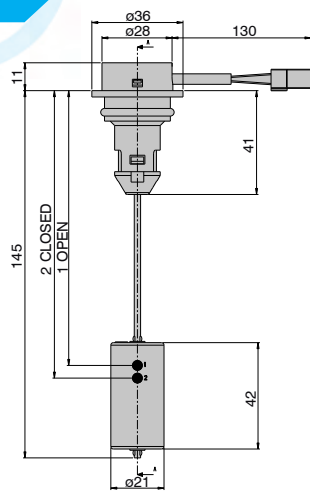
- 1 • Contatti Reed chiusi
Reed contacts closed
 - 2 • Contatti Reed aperti
Reed contacts open
- Temp. max - 40° ÷ +120°C "N.O."
Max temp. - 40° +120°C "N.O."

P/N	Carico max Max load	L=mm.	1=mm.	2=mm.
29.0433.0000	0,5 Amp - 12V	350	341	346



- 27.0958.0000
KIT DI CONNESSIONE
S/SEAL 2 VIE
CONNECTION KIT
2 PINS S/SEAL
- 1 • Contatti Reed chiusi
Reed contacts closed
 - 2 • Contatti Reed aperti
Reed contacts open
- Temp. max - 40° ÷ +120°C "N.O."
Max temp. - 40° +120°C "N.O."

P/N	Carico max Max load	L=mm.	1=mm.	2=mm.
29.0512.0000	0,5 Amp - 12V	167,5	125	130

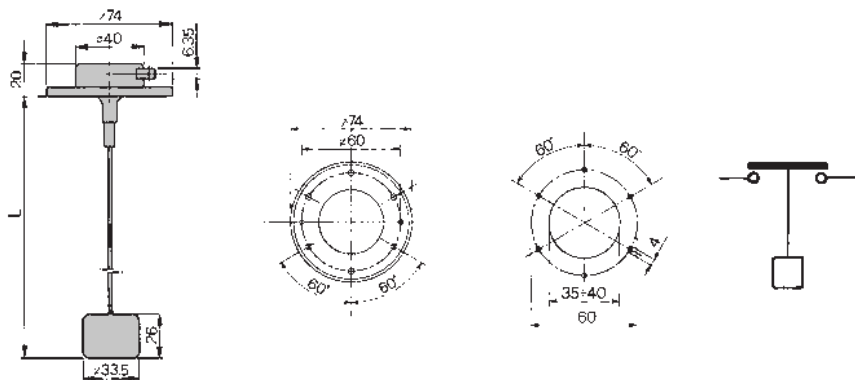


- 1 • Contatti Reed chiusi
Reed contacts closed
- 2 • Contatti Reed aperti
Reed contacts open

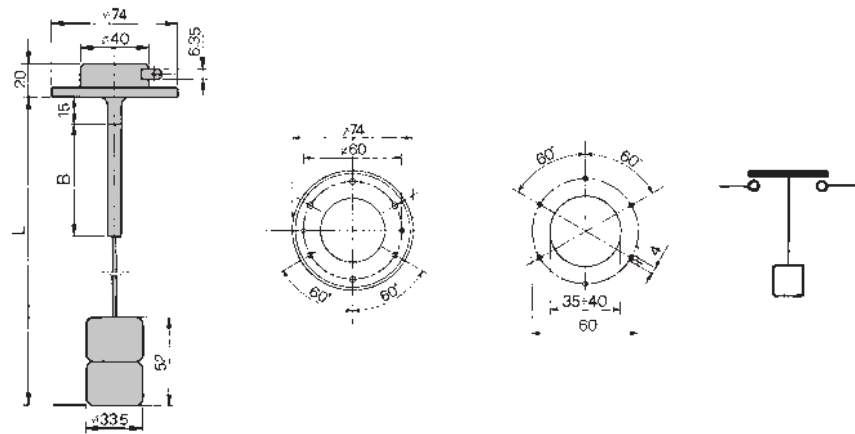
Temp. max - 40° ÷ +120°C "**N.C.**"
Max temp. - 40° +120°C "**N.C.**"

P/N	Carico max Max load	L=mm.	1=mm.	2=mm.
29.0549.0000	0,5 Amp - 12V	145	108,5	113,5

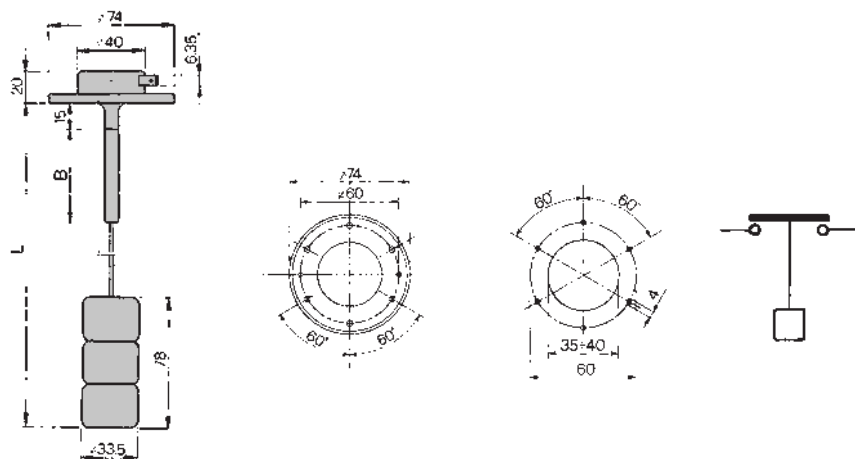
- **Comandi basso livello carburante**
- **Low fuel level senders**



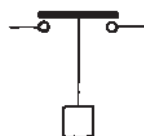
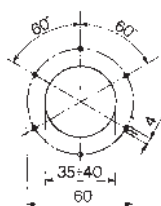
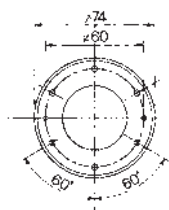
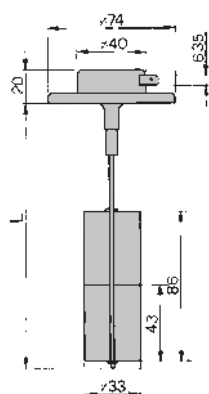
P/N	L=mm.	B=mm.
29.0623.0000	90	
29.164.000	100	
29.0486.0000	110	
29.054.000	129	
29.142.000	150	
29.118.000	178	
29.051.000	193	
29.048.000	212	
29.047.000	220	
29.044.000	230	
29.050.000	245	
29.041.000	253	



P/N	L=mm.	B=mm.
29.258.000	270	120
29.045.000	295	145
29.0601.0000	295	-
29.154.000	300	180
29.049.000	330	180
29.052.000	350	200
29.042.000	390	240
29.055.000	428	305
29.043.000	455	305
29.061.000	480	350
29.057.000	500	350



P/N	L=mm.	B=mm.
29.141.000	500	390
29.053.000	610	450
29.238.000	640	490
29.058.000	740	590
29.103.000	840	700
29.046.000	890	650
29.063.000	1040	885
29.098.000	1510	1350



P/N	L=mm.	B=mm.
29.062.000	295	

P/N	L=mm.	B=mm.

P/N	L=mm.	B=mm.

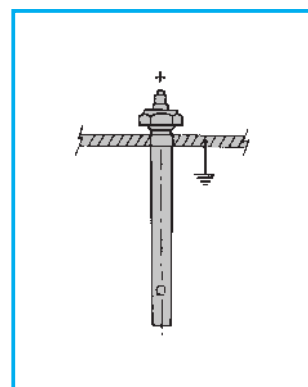
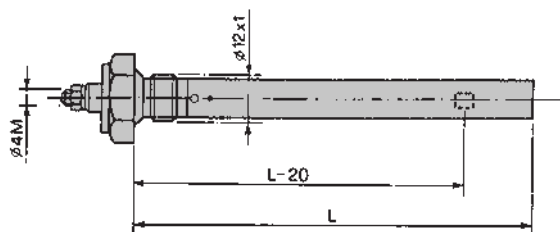
P/N	L=mm.	B=mm.

- **Comandi di riserva carburante elettronici**

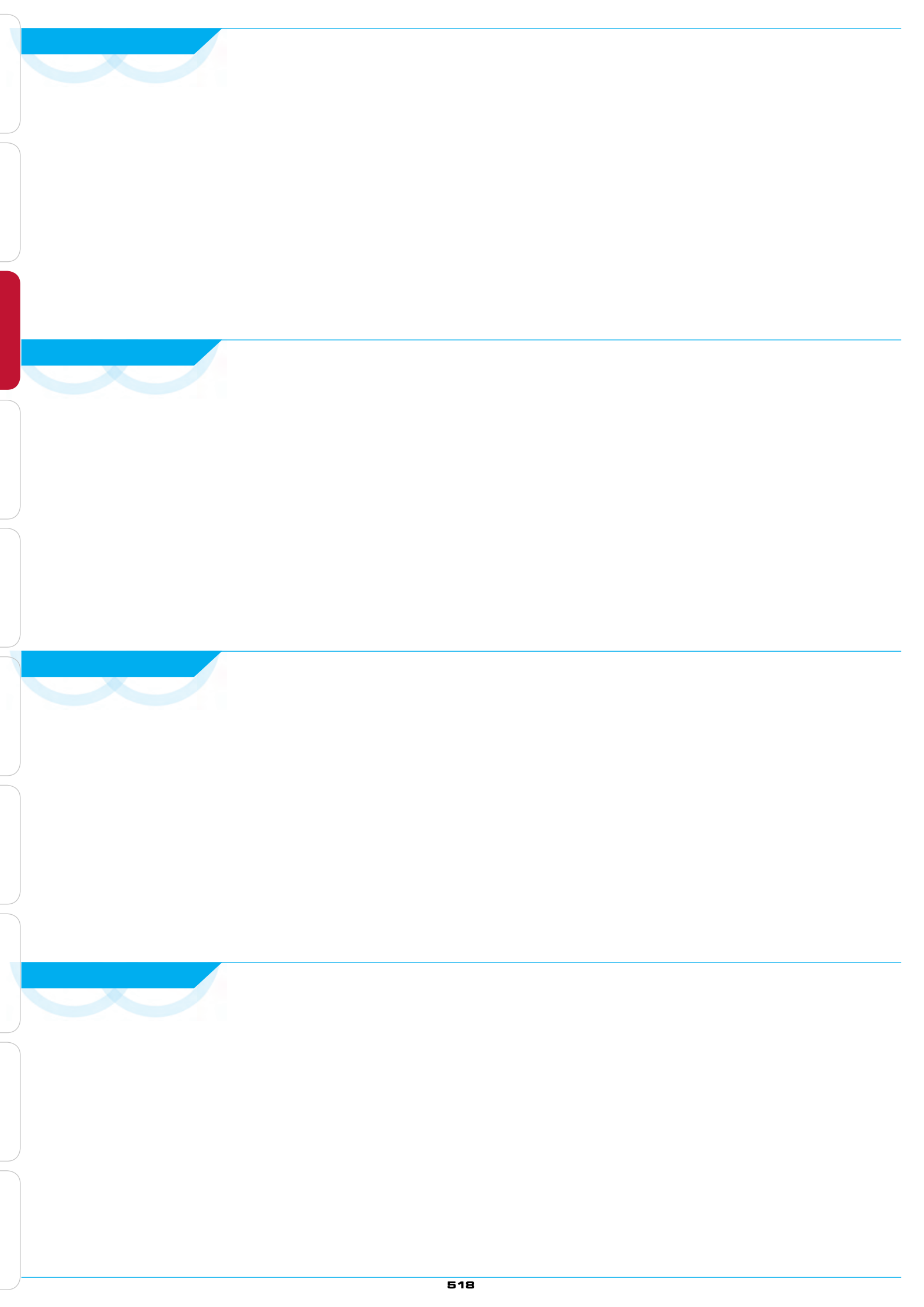
Fissaggio 12x1 mm
 Possibilità di applicazione in ogni punto del serbatoio
 Corpo in ottone
 Tubo in rame
 Attacco per capocorda Ø 4
 Temperatura di esercizio: - 15°C ÷ +50°C

- **Electronic fuel reserve senders**

Fixing hole 12x1 mm
Possible mounting in any part of the tank
Brass housing
Copper pipe
Connection for terminal Ø 4
Operating temperature: - 15°C ÷ +50°C

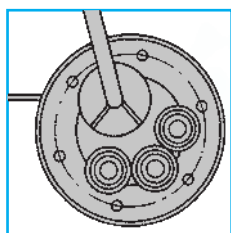


P/N	PRESENZA LIQUIDO ACTIVATED WITH LIQUID	ASSENZA LIQUIDO ACTIVATED WITHOUT LIQUID	TENSIONE DI ALIMENTAZIONE POWER SUPPLY VOLTAGE	CARICO MAX PILOTABILE MAX LOAD (W)	LUNGHEZZA LENGHT L.
0051-0055	X		12 V	3 W	170
0051-0056	X		24 V	3 W	170
0051-0057	X		12 V	3 W	90
0051-0058	X		24 V	3 W	90



- **Comandi livello carburante con corpo in plastica**

- **Plastic fuel level senders**



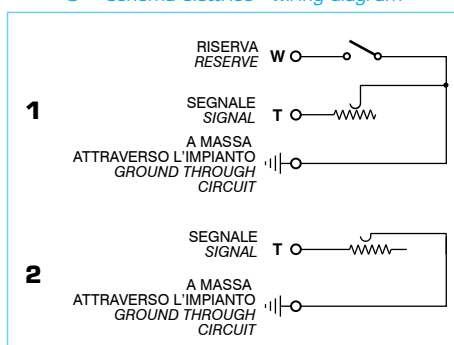
Tubi - Pipes n°0



① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

☐ = foratura - fixing hole

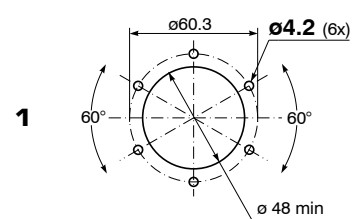


1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

2

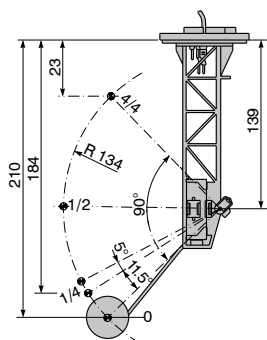
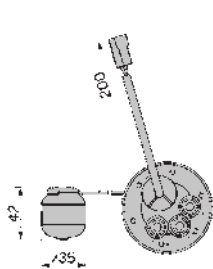
0	1/4	1/2	3/4	4/4
77 - 83	67,5 - 62,5	50 - 46	26 - 28	0 - 6



29.360.000

①=1 ☐=1 ☐=1

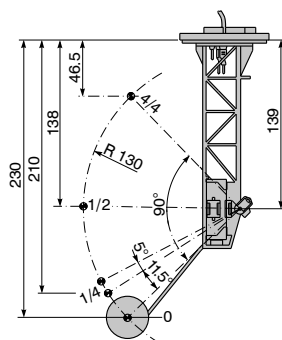
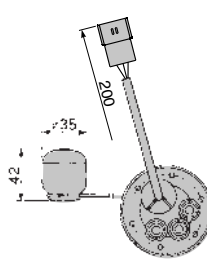
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0488.0000

①=1 ☐=2 ☐=1

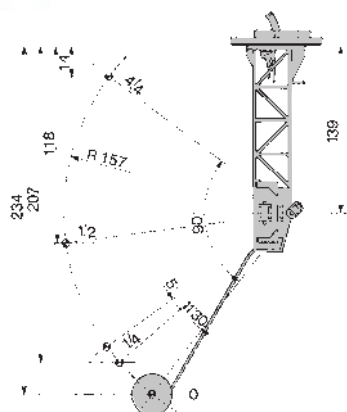
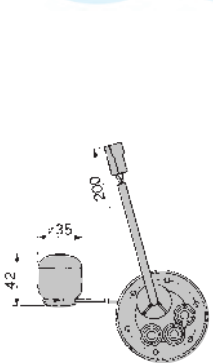
Optional: 30.16.06557 connectors
30.17.06275 terminals



29.321.000

①=1 ☐=1 ☐=1

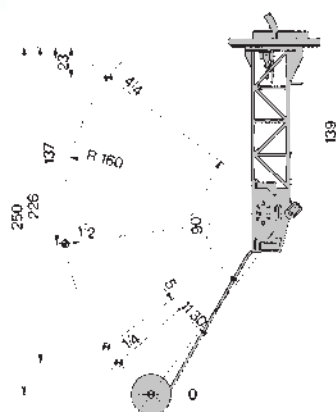
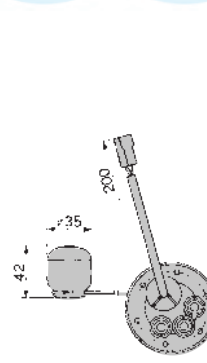
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.114.000

①=1 ☐=1 ☐=1

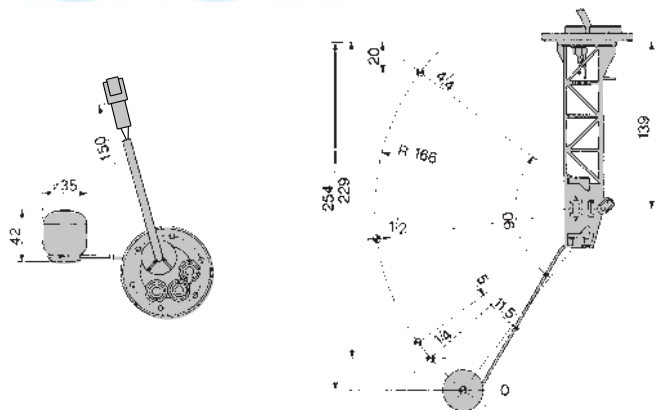
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0454.0000

①=2 ②=1 ③=1

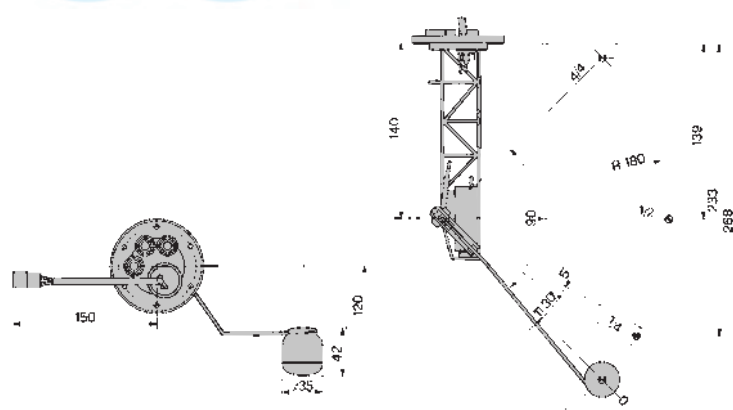
Optional: 27.0909.0000
CONNECTION KIT



29.095.000

①=2 ②=1 ③=1

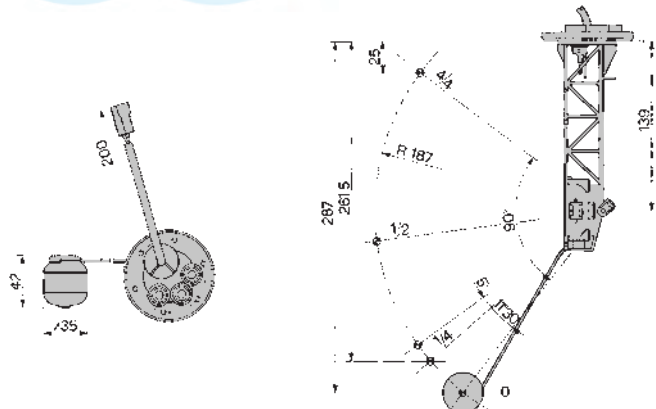
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.192.000

①=1 ②=1 ③=1

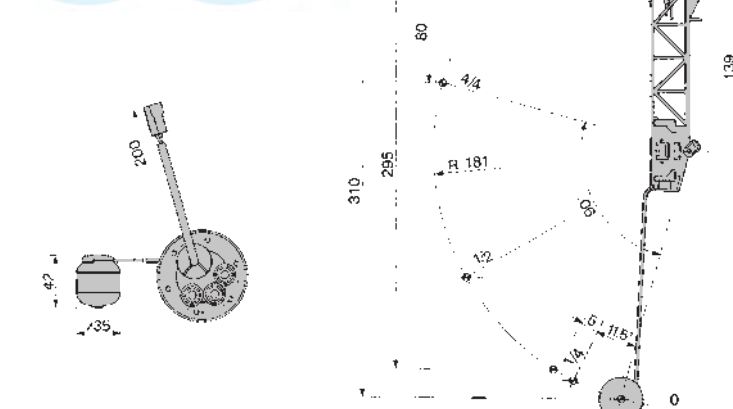
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.322.000

①=1 ②=1 ③=1

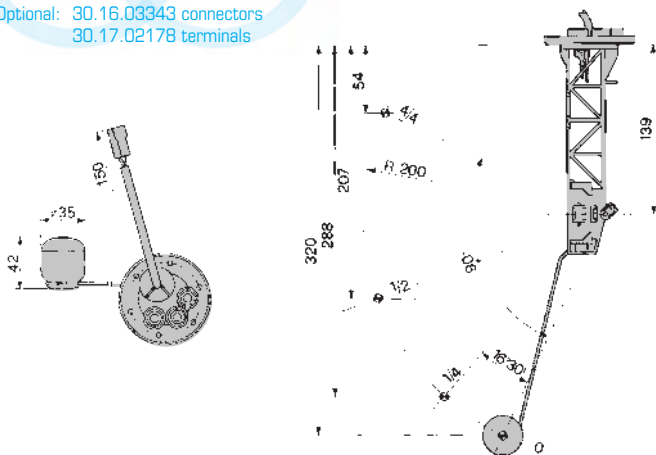
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.093.000

①=2 ②=1 ③=1

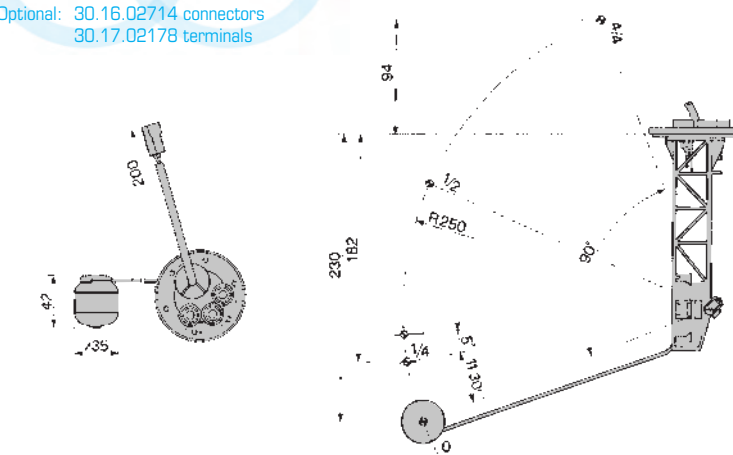
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.323.000

①=1 ②=1 ③=1

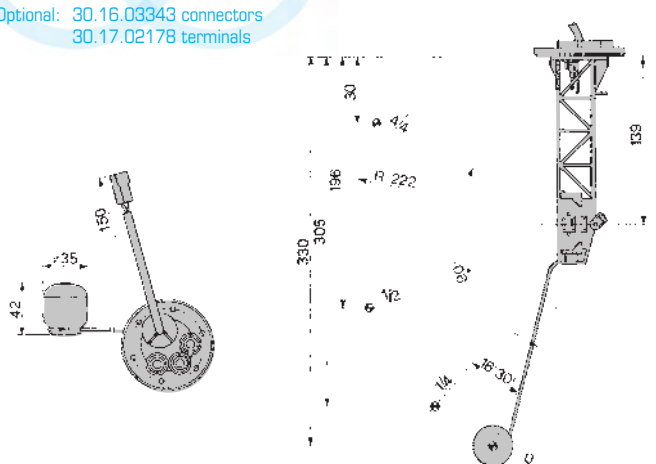
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.116.000

①=2 ②=1 ③=1

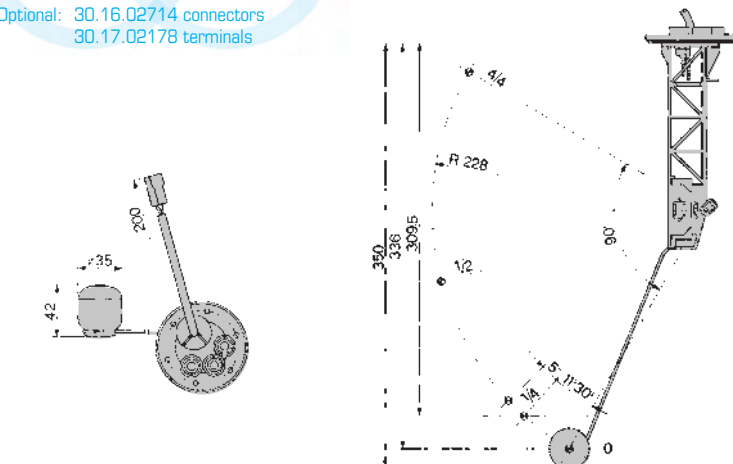
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.195.000

①=1 ②=1 ③=1

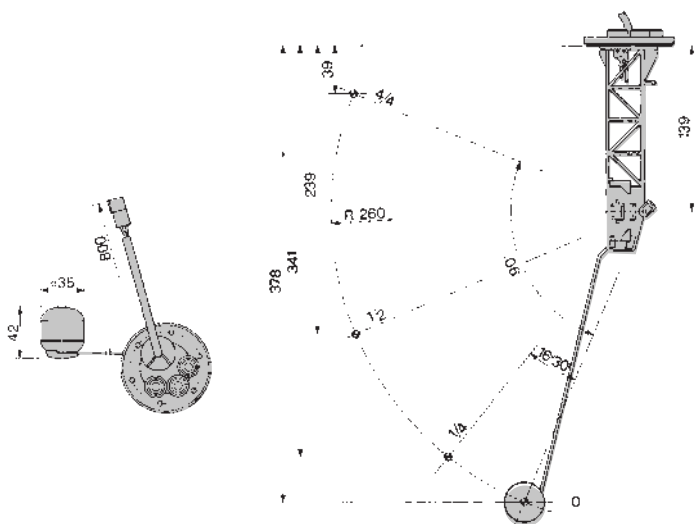
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.177.000

①=2 ②=1 ③=1

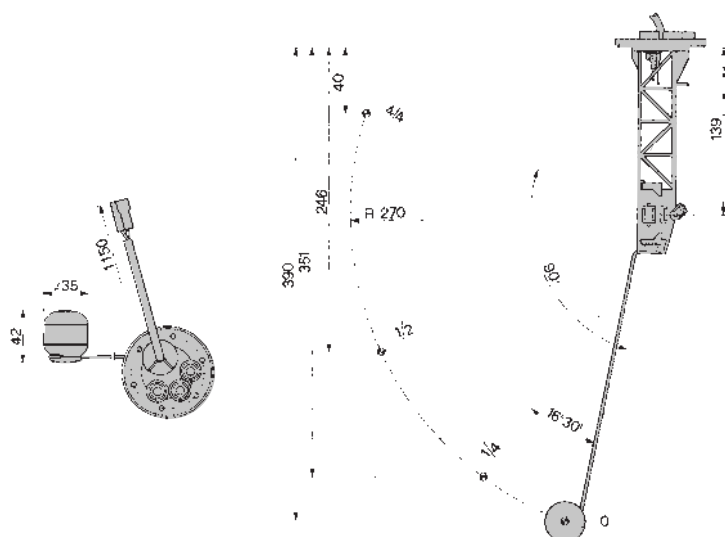
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.094.000

①=2 ②=1 ③=1

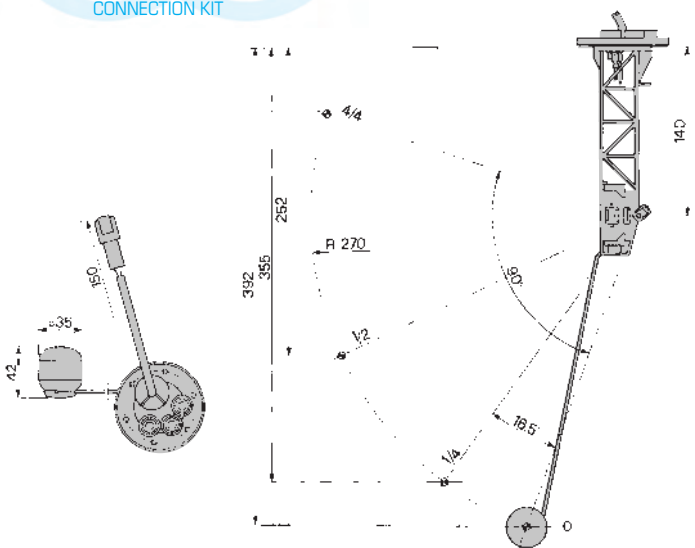
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.257.000

①=2 ②=1 ③=1

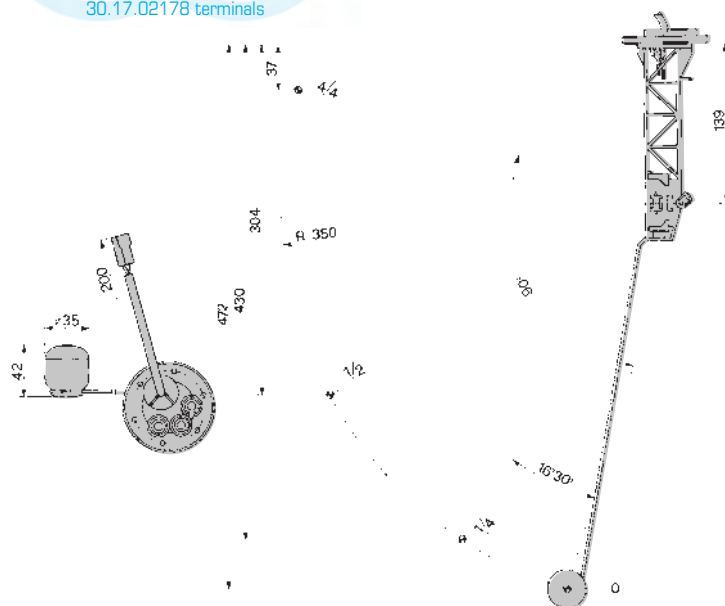
Optional: 27.0909.0000
CONNECTION KIT



29.290.000

①=1 ②=1 ③=1

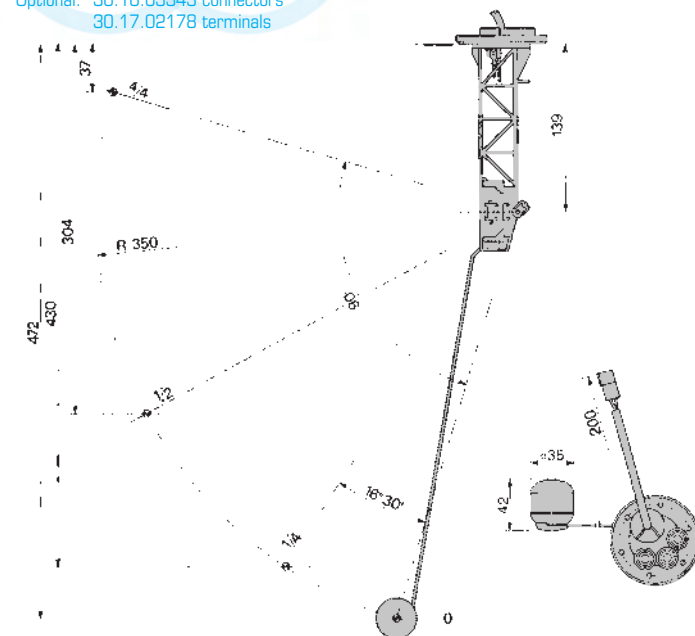
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.211.000

①=2 ②=1 ③=1

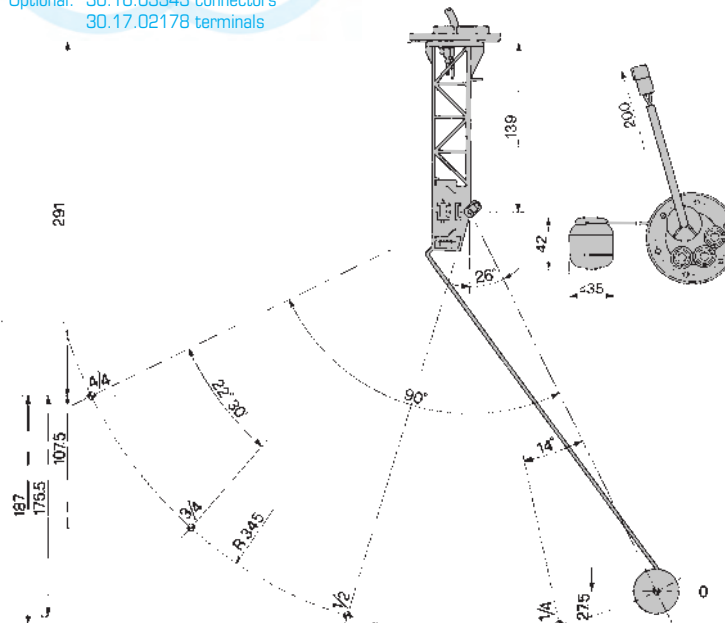
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.171.000

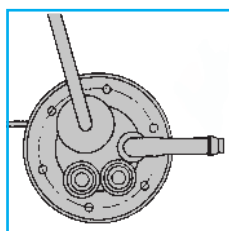
①=2 ②=1 ③=1

Optional: 30.16.03343 connectors
30.17.02178 terminals



• **Comandi livello carburante con corpo in plastica**

• **Plastic fuel level senders**



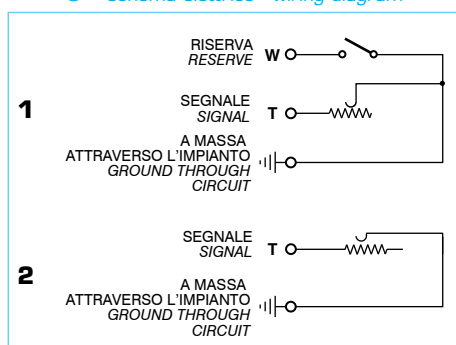
Tubi - Pipes n°1



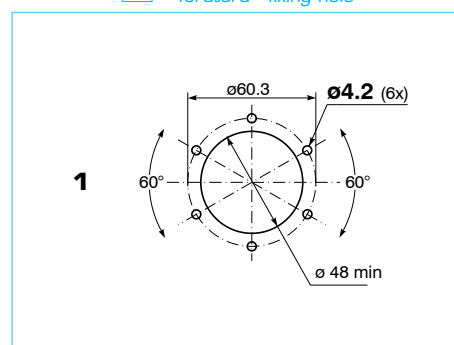
① = schema elettrico - wiring diagram

⊖ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole



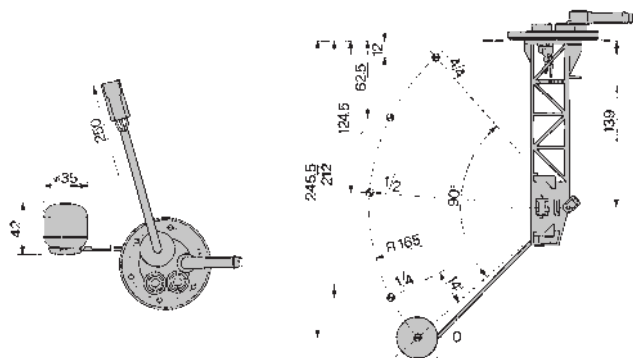
	0	1/4	1/2	3/4	4/4
1	345 - 315	225 - 185	128 - 108	-	0 - 7
2	77 - 83	67,5 - 62,5	50 - 46	26 - 28	0 - 6



29.168.000

Optional: 30.16.02714 connectors
30.17.02178 terminals

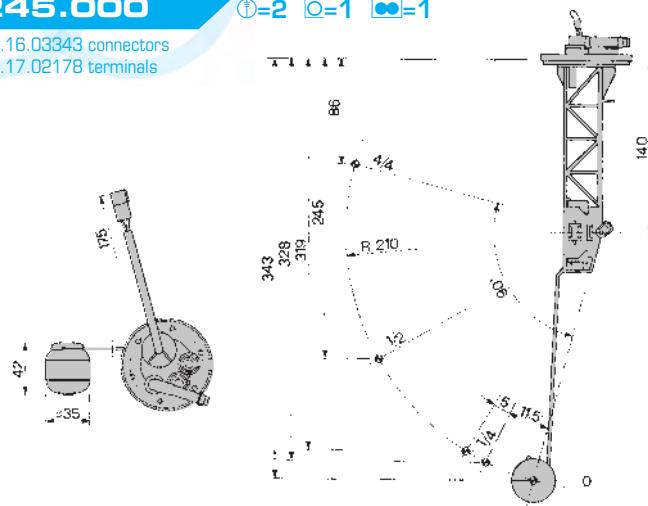
①=1 ⊖=2 ⬢=1



29.245.000

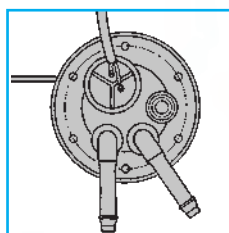
Optional: 30.16.03343 connectors
30.17.02178 terminals

①=2 ⊖=1 ⬢=1



• **Comandi livello carburante con corpo in plastica**

• **Plastic fuel level senders**



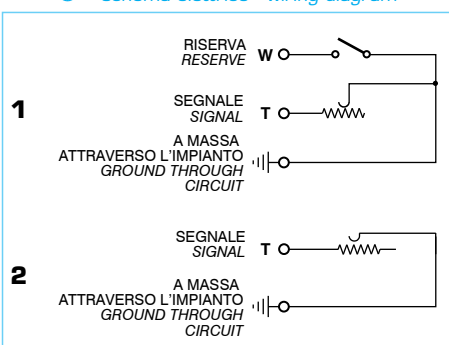
Tubi - Pipes n°2



① = schema elettrico - wiring diagram

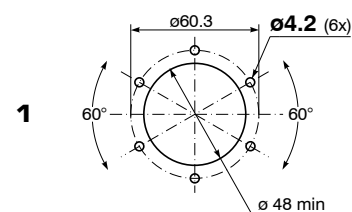
☐ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole



	0	1/4	1/2	3/4	4/4
1	345 - 315	225 - 185	128 - 108	-	0 - 7

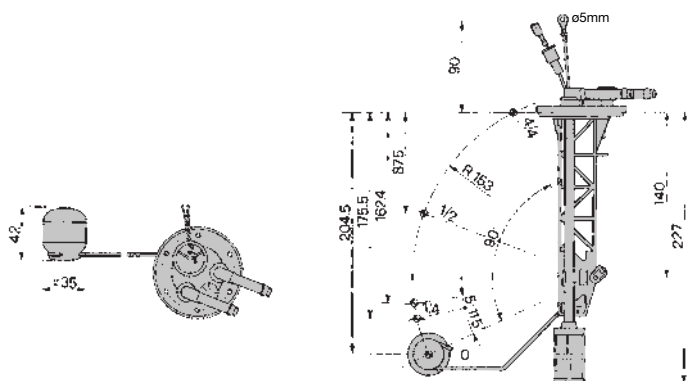
	0	1/4	1/2	3/4	4/4
2	163 ± 10	-	58 ± 5	-	4 ± 2



29.251.000

①=2 ☐=1 ⬢=1

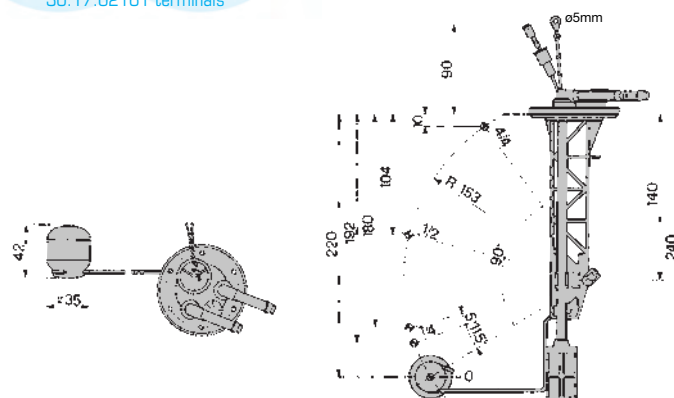
Optional: 30.18.02967 connectors
30.17.02161 terminals



29.261.000

①=2 ☐=1 ⬢=1

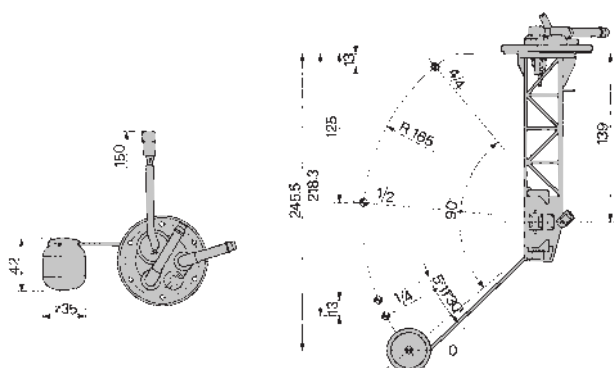
Optional: 30.18.02967 connectors
30.17.02161 terminals



29.170.000

①=2 ☐=1 ⬢=1

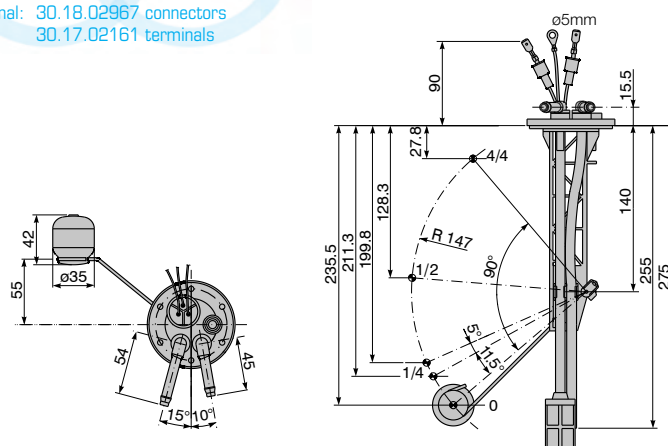
Optional: 30.16.03943 connectors
30.17.02178 terminals



29.0485.0000

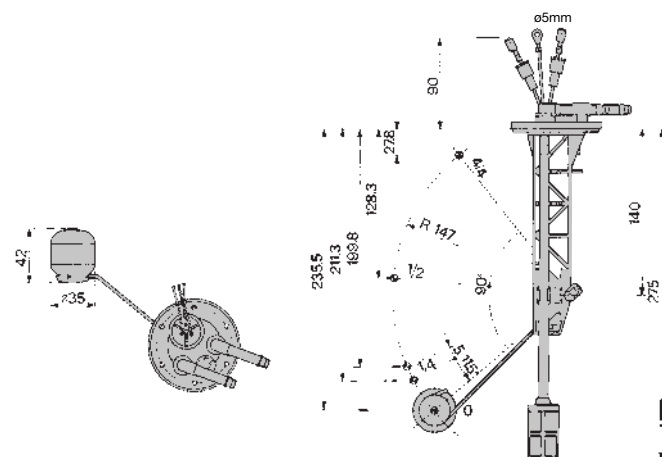
①=1 ☐=1 ⬢=1

Optional: 30.18.02967 connectors
30.17.02161 terminals



=1 =1 =1

 = 1
 = 2
 = 1

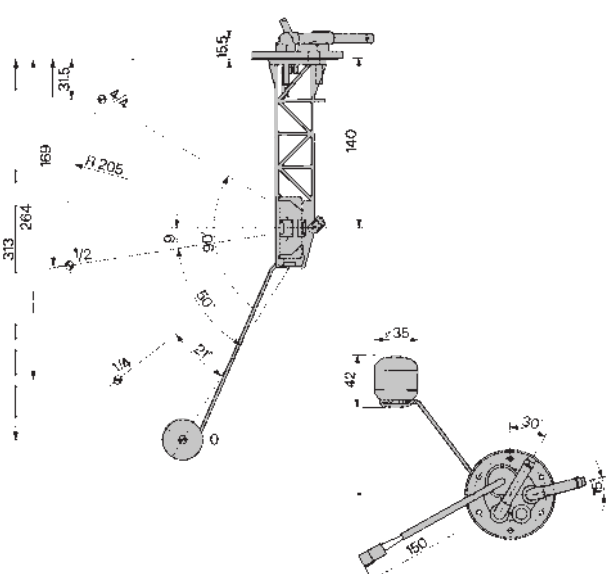


$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{Ⓜ}=1$

$\text{Ⓢ}=2$ $\text{⓪}=1$ $\text{Ⓢ}=1$

The technical drawing illustrates the R186 crane hook system from two perspectives:

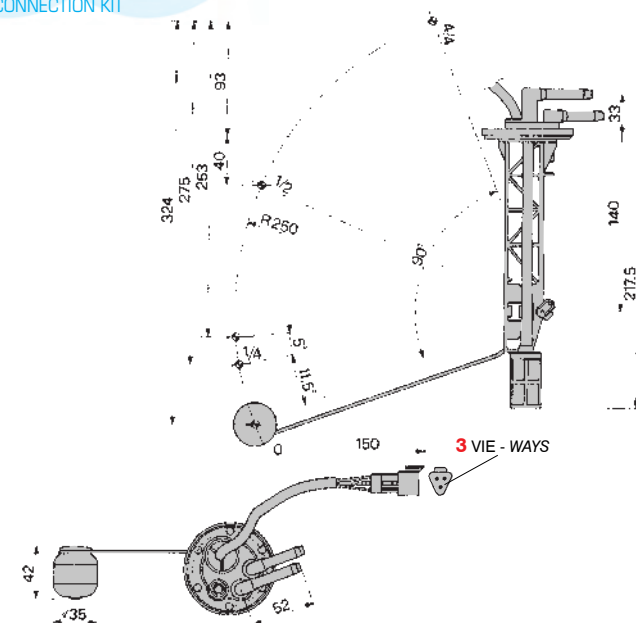
- Side View (Left):** Shows the hook's profile with a height of 42 units and a base diameter of $\varnothing 35$. The hook opening has a width of 54 units and a depth of 45 units.
- Front View (Right):** Details the hook's geometry and mounting. Key dimensions include:
 - A total height of 290 units from the base to the top of the hook.
 - A distance of 265 units from the base to the center of the hook's rotation.
 - A vertical offset of 70 units at the top.
 - A horizontal distance of 168.3 units from the base to the center of rotation.
 - A radius of $R\ 186$ for the hook's curved path.
 - An angle of 90° between the hook's position and its retracted state.
 - Angles of $1/2$, $1/4$, and 5° defining specific positions or clearances.
 - A distance of 140 units from the base to the top of the hook's body.
 - A total height of 300 units from the base to the top of the hook's body.
 - A small dimension of 15.5 units at the very top.



$\text{Ⓢ} = 1$ $\text{⓪} = 1$ $\text{Ⓢ} = 1$

$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{ⓈⓈ}=1$

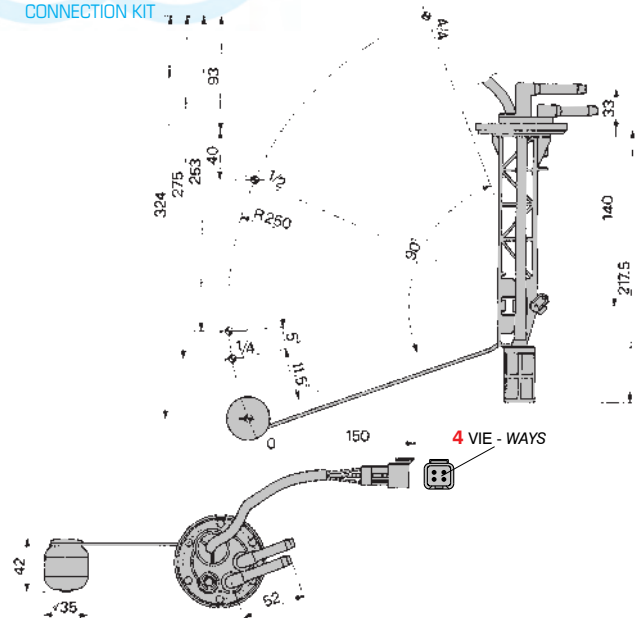
Technical drawing of the 1000 Series Arm. The main view shows the arm with dimensions: 324 (total height), 93 (height to 1/2 callout), 40 (height to 4/4 callout), 231 (height to base), 139 (height to top of vertical section), 238 (total height to top of vertical section), 15.5 (width of vertical section), 33 (width of top of vertical section), 190 (width of base), 150 (width of cable), 42 (height of base), and 15° (angle of cable). Callouts include 1/2, 4/4, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256, 1/512, 1/1024, 1/2048, 1/4096, 1/8192, 1/16384, 1/32768, 1/65536, 1/131072, 1/262144, 1/524288, 1/1048576, 1/2097152, 1/4194304, 1/8388608, 1/16777216, 1/33554432, 1/67108864, 1/134217728, 1/268435456, 1/536870912, 1/1073741824, 1/2147483648, 1/4294967296, 1/8589934592, 1/17179869184, 1/34359738368, 1/68719476736, 1/137438953472, 1/274877906944, 1/549755813888, 1/1099511627776, 1/2199023255552, 1/4398046511104, 1/8796093022208, 1/17592186044416, 1/35184372088832, 1/70368744177664, 1/140737488355328, 1/281474976710656, 1/562949953421312, 1/1125899906842624, 1/2251799813685248, 1/4503599627370496, 1/9007199254740992, 1/18014398509481984, 1/36028797018963968, 1/72057594037927936, 1/144115188075855872, 1/288230376151711744, 1/576460752303423488, 1/1152921504606846976, 1/2305843009213693952, 1/4611686018427387904, 1/9223372036854775808, 1/18446744073709551616, 1/36893488147419103232, 1/73786976294838206464, 1/147573952589676412928, 1/295147905179352825856, 1/590295810358705651712, 1/1180591620717411303424, 1/2361183241434822606848, 1/4722366482869645213696, 1/9444732965739290427392, 1/18889465931478580854784, 1/37778931862957161709568, 1/75557863725914323419136, 1/151115727451828646838272, 1/302231454903657293676544, 1/604462909807314587353088, 1/1208925819614629174706176, 1/2417851639229258349412352, 1/4835703278458516698824704, 1/9671406556917033397649408, 1/19342813113834066795298816, 1/38685626227668133590597632, 1/77371252455336267181195264, 1/154742504910672534362390528, 1/309485009821345068724781056, 1/618970019642690137449562112, 1/1237940039285380274899124224, 1/2475880078570760549798248448, 1/4951760157141521099596496896, 1/9903520314283042199192993792, 1/19807040628566084398385987584, 1/39614081257132168796771975168, 1/79228162514264337593543950336, 1/158456325028528675187087900672, 1/316912650057057350374175801344, 1/633825300114114700748351602688, 1/1267650600228229401496703205376, 1/2535301200456458802993406410752, 1/5070602400912917605986812821504, 1/10141204801825835211973625643008, 1/20282409603651670423947251286016, 1/40564819207303340847894502572032, 1/81129638414606681695789005144064, 1/162259276829213363391578010288128, 1/324518553658426726783156020576256, 1/649037107316853453566312041152512, 1/1298074214633706907132624082305024, 1/2596148429267413814265248164610048, 1/5192296858534827628530496329220096, 1/10384593717069655257060992658440192, 1/20769187434139310514121985316880384, 1/41538374868278621028243970633760768, 1/83076749736557242056487941267521536, 1/166153499473114484112975882535043072, 1/332306998946228968225951765070086144, 1/664613997892457936451903530140172288, 1/1329227995784915872903807060280344576, 1/2658455991569831745807614120560689152, 1/5316911983139663491615228241121378304, 1/10633823966279326983230456482242756608, 1/21267647932558653966460912964485513216, 1/42535295865117307932921825928971026432, 1/85070591730234615865843651857942052864, 1/170141183460469231731687303715884105728, 1/340282366920938463463374607431768211456, 1/680564733841876926926749214863536422912, 1/1361129467683753853853498429727072845824, 1/2722258935367507707706996859454145691648, 1/5444517870735015415413993718908291383296, 1/10889035741470030830827987437816582766592, 1/21778071482940061661655974875633165533184, 1/43556142965880123323311949751266331066368, 1/87112285931760246646623899502532662132736, 1/174224571863520493293247799005065324265472, 1/348449143727040986586495598010130648530944, 1/696898287454081973172991196020261297061888, 1/1393796574908163946345982392040522594123776, 1/2787593149816327892691964784081045188247552, 1/5575186299632655785383929568162090376495104, 1/11150372599265311570767859136324180752990208, 1/22300745198530623141535718272648361505980416, 1/44601490397061246283071436545296723011960832, 1/89202980794122492566142873090593446023921664, 1/17840596158824498513228574



29.393.000

①=1 ②=1 ③=1

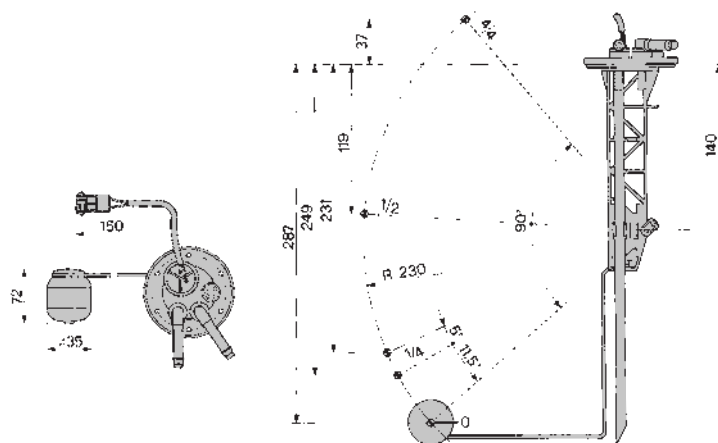
Optional: 27.0907.0000
CONNECTION KIT



29.236.000

①=2 ②=1 ③=1

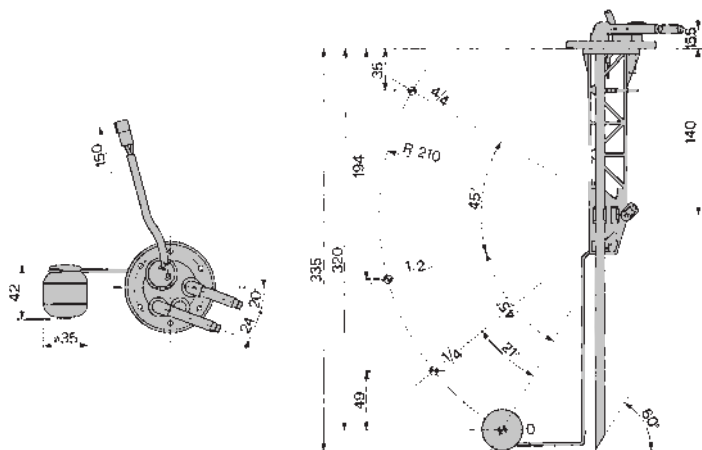
Optional : 27.0909.0000
CONNECTION KIT



29.086.000

①=2 ②=1 ③=1

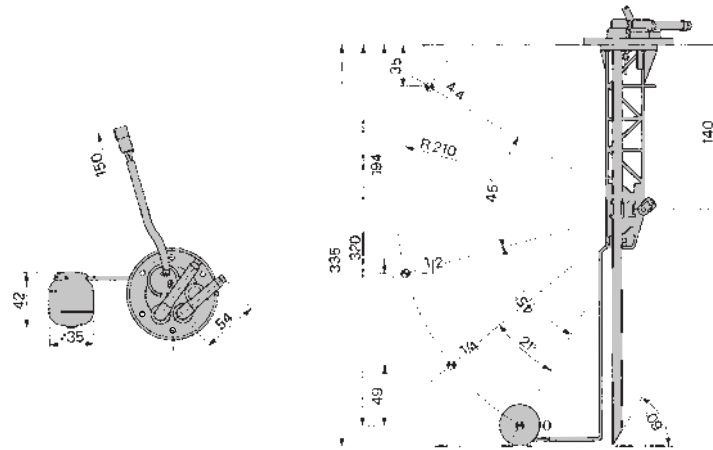
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.160.000

①=2 ②=1 ③=1

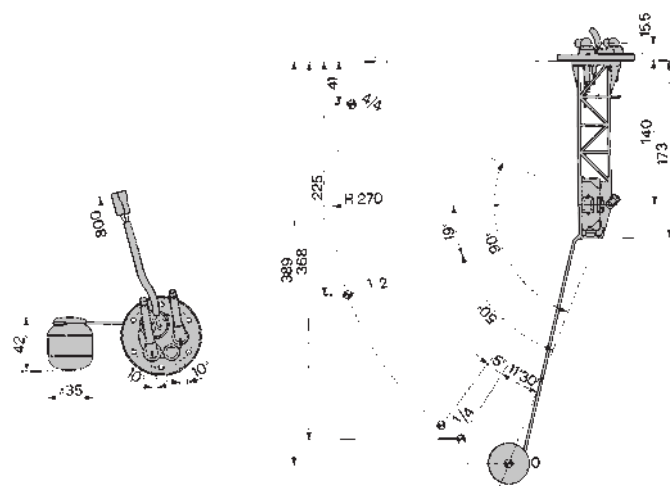
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.113.000

①=1 ②=1 ③=1

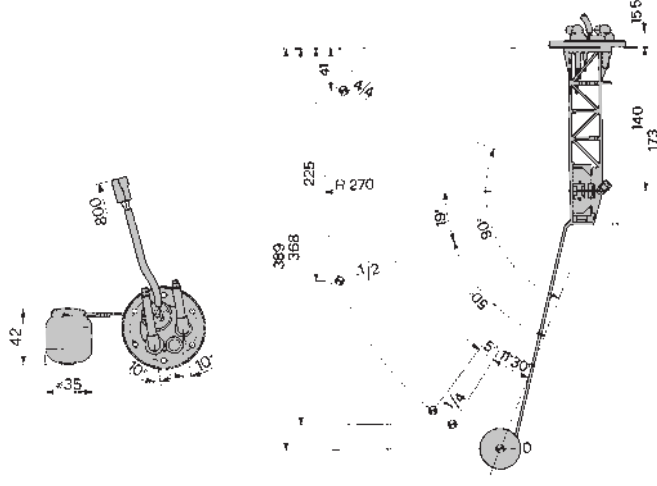
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.088.000

①=2 ②=1 ③=1

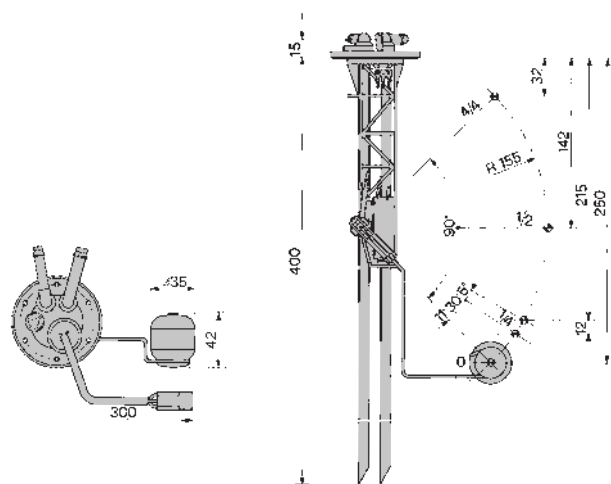
Optionals: 30.16.03343 connectors
30.17.02178 terminals



29.237.000

①=1 ②=1 ③=1

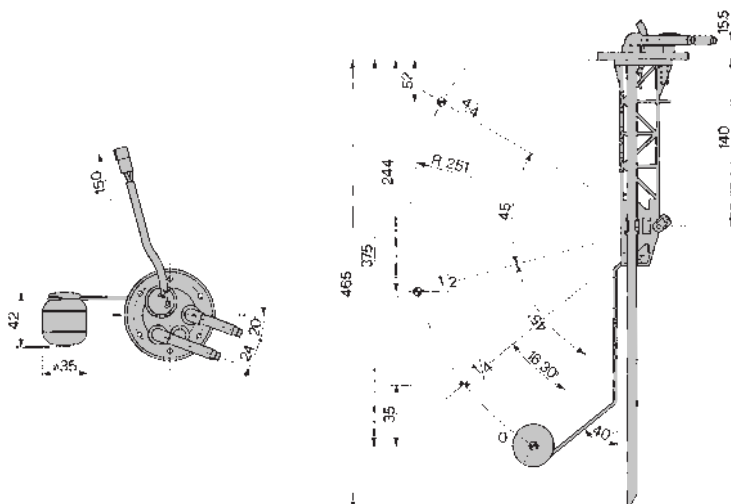
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.190.000

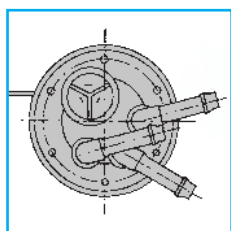
①=2 ②=1 ③=1

Optional: 30.16.03343 connectors
30.17.02178 terminals



• **Comandi livello carburante con corpo in plastica**

• **Plastic fuel level senders**



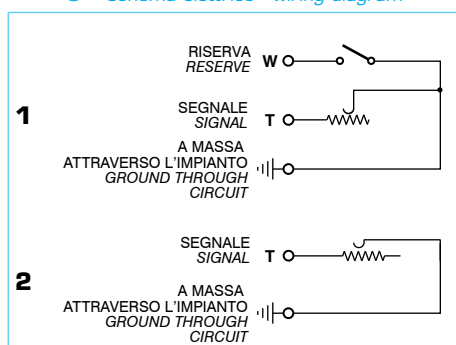
Tubi - Pipes n°3



① = schema elettrico - wiring diagram

⊖ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole

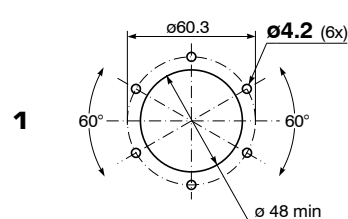


1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

2

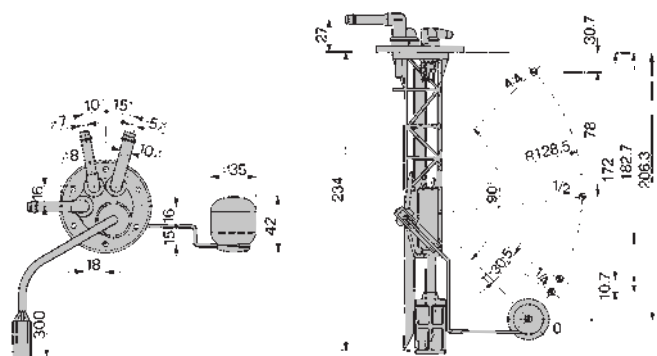
0	1/4	1/2	3/4	4/4
77 - 83	67,5 - 62,5	50 - 46	26 - 28	0 - 6



29.373.000

①=1 ⊖=2 ⬢=1

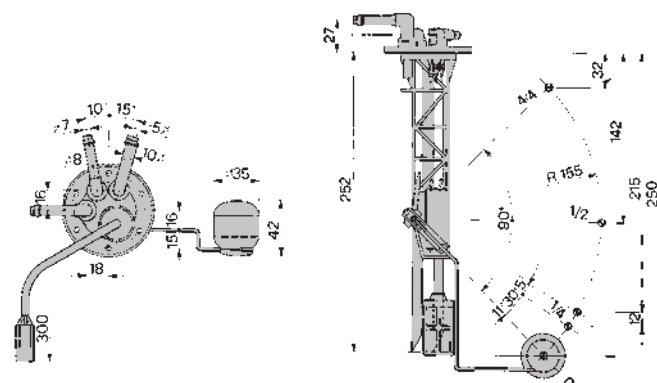
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.167.000

①=1 ⊖=1 ⬢=1

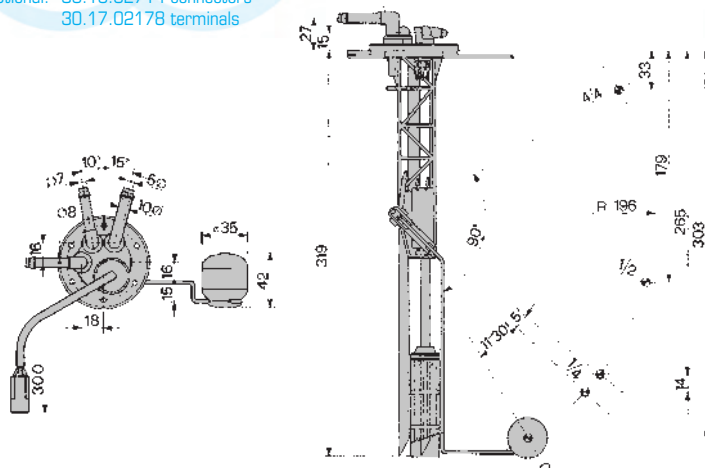
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.120.000

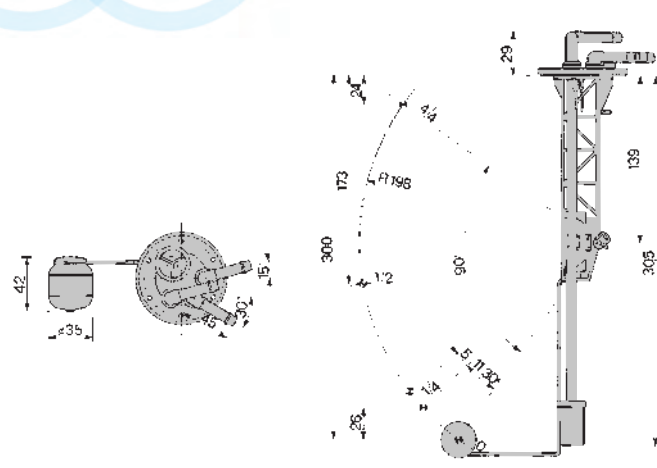
①=1 ⊖=1 ⬢=1

Optional: 30.16.02714 connectors
30.17.02178 terminals



29.111.000

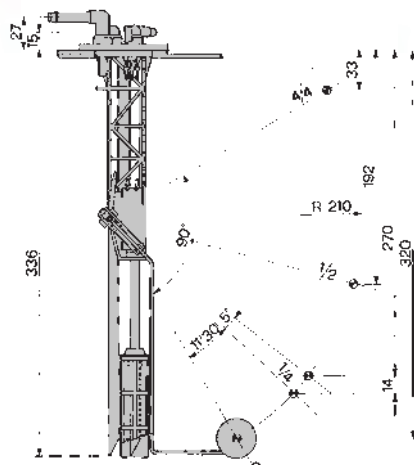
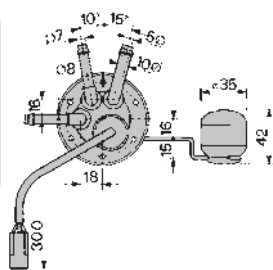
①=2 ⊖=1 ⬢=1



29.119.000

①=1 ②=1 ③=1

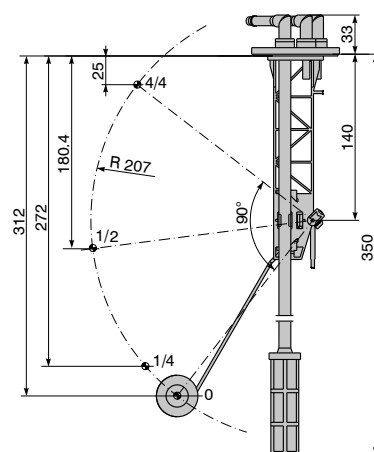
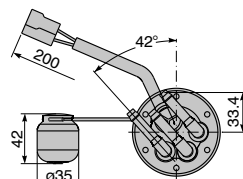
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0502.0000

①=2 ②=1 ③=1

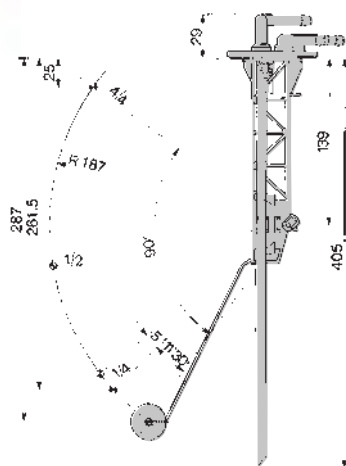
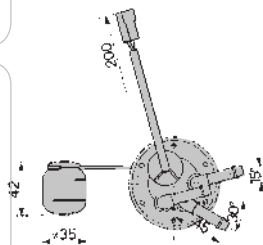
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.375.000

①=2 ②=1 ③=1

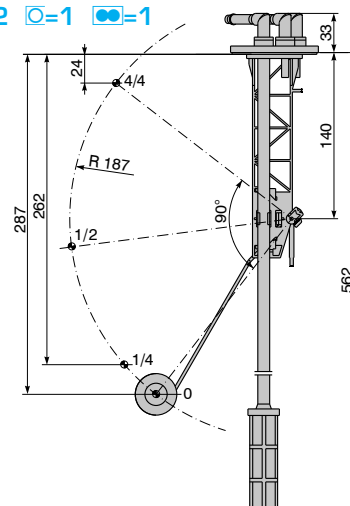
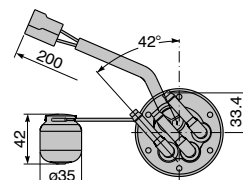
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0447.0000

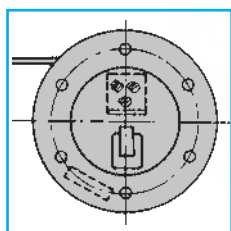
①=2 ②=1 ③=1

Optional: 30.16.02714 connectors
30.17.02178 terminals



• **Comandi livello carburante con corpo in acciaio**

• **Steel fuel level senders**



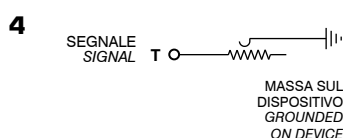
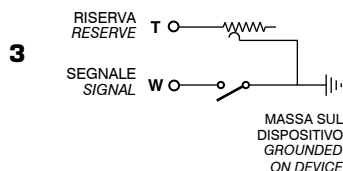
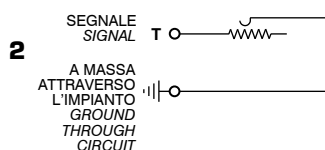
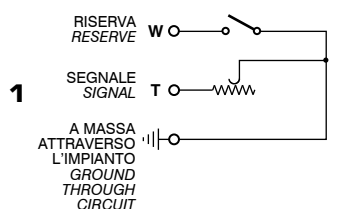
Tubi - Pipes n°0



① = schema elettrico - wiring diagram

⊗ = tabella valore ohmico - ohmic value table

⊗ = foratura - fixing hole



1	0	1/4	1/2	3/4	4/4
	345 - 315	225 - 185	128 - 108	-	0 - 7

2	0	1/4	1/2	3/4	4/4
	0 - 7	33 - 41	67 - 83	-	175 - 215

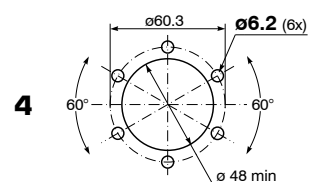
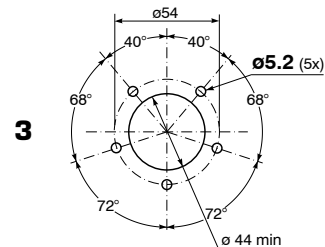
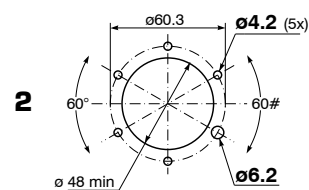
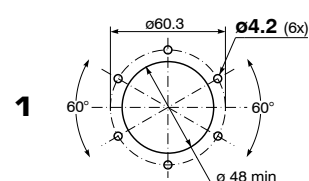
3	0	1/4	1/2	3/4	4/4
	77 - 83	67,5 - 62,5	50 - 46	26 - 28	0 - 6

4	0	1/4	1/2	3/4	4/4
	163 ± 10	-	58 ± 5	-	4 ± 2

5	0	1/4	1/2	3/4	4/4
	82 ± 10	49,5 ± 2	32 ± 3	19 ± 2	10 ± 0,5

6	0	1/4	1/2	3/4	4/4
	250 ± 5	120 ± 5	80 ± 5	57 ± 5	31 ± 5

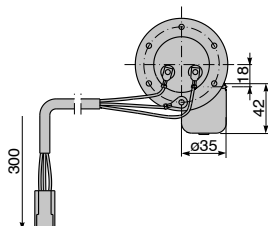
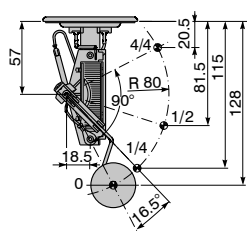
7	0	1/4	1/2	3/4	4/4
	6	26	54	-	101



29.369.000

①=1 ⊗=1 ⊗=1

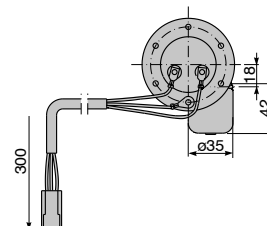
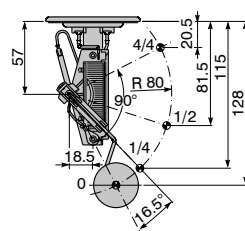
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0529.0000

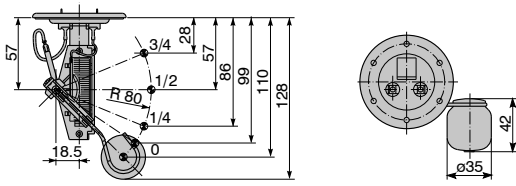
①=1 ⊗=2 ⊗=1

Optional: 30.16.02714 connectors
30.17.02178 terminals

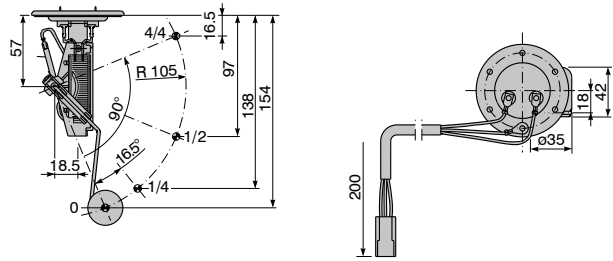


29.0617.0000

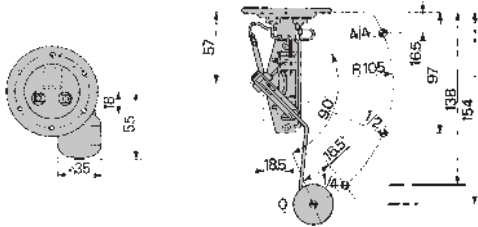
①=4 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminalsLivello max 3/4
Max level 3/4**29.359.000**

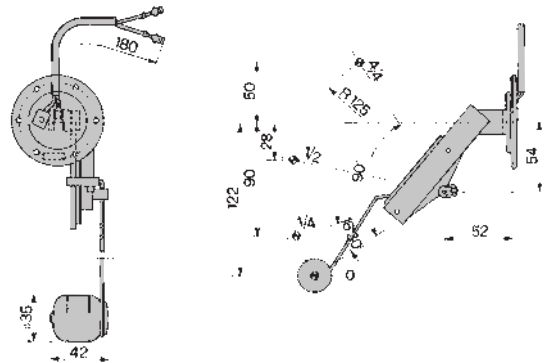
①=1 ②=1 ③=1

Optional: 30.16.02714 connectors
30.17.02178 terminals**29.202.000**

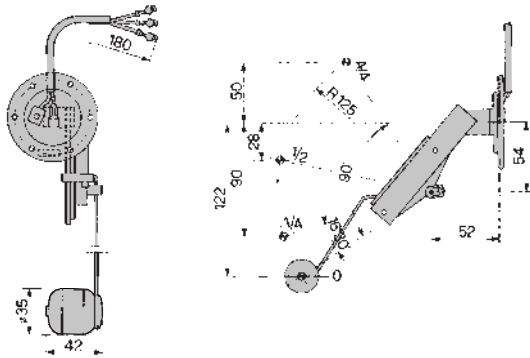
①=3 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals**29.091.000**

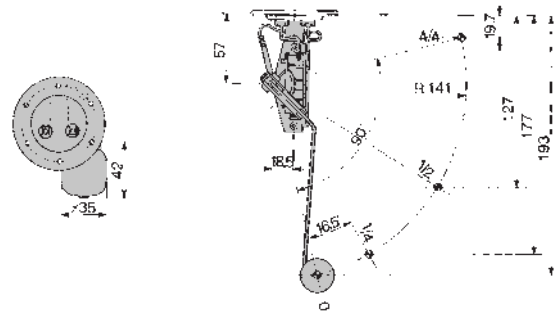
①=2 ②=1 ③=1

Optional: 30.16.02922 connectors
30.17.02161 terminals**29.0590.0000**

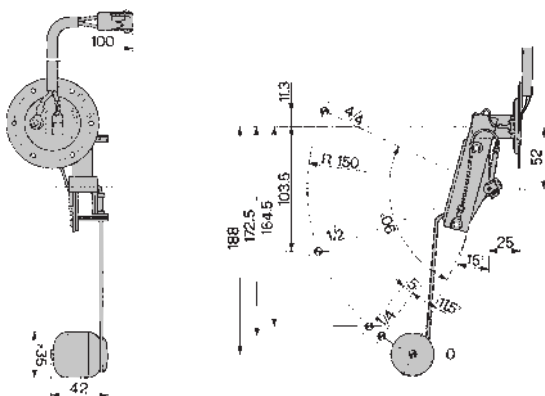
①=1 ②=1 ③=1

Optional: 30.16.02922 connectors
30.17.02161 terminals**29.356.000**

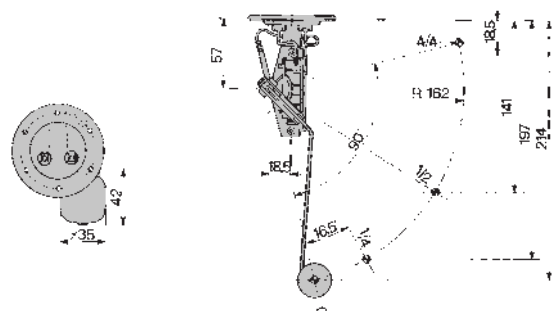
①=2 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals**29.206.000**

①=2 ②=1 ③=1

Optional: 30.16.03989 connectors
30.17.03976 terminals**29.201.000**

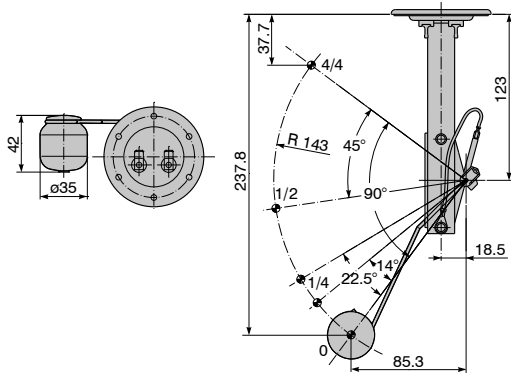
①=3 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals

29.0605.0000

①=3 ②=1 ③=1

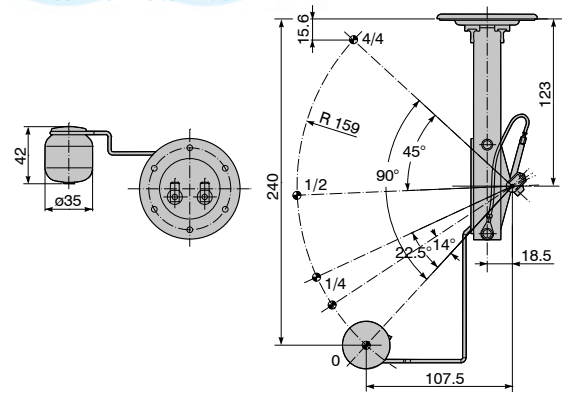
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0573.0000

①=3 ②=1 ③=1

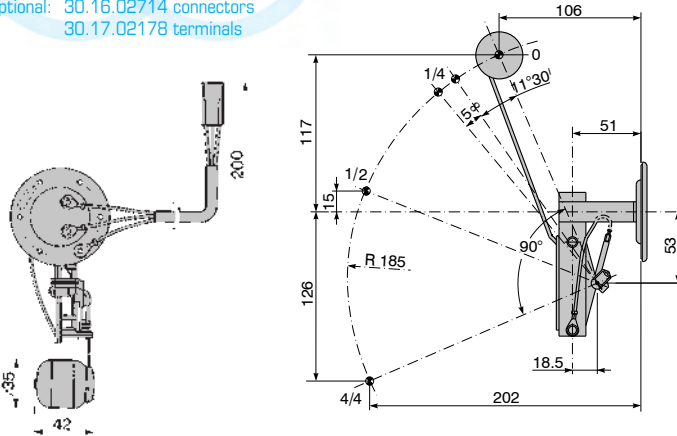
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.325.000

①=1 ②=1 ③=1

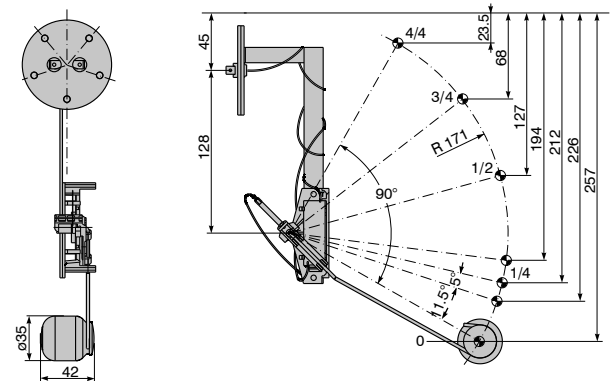
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0456.0000

①=3 ②=6 ③=3

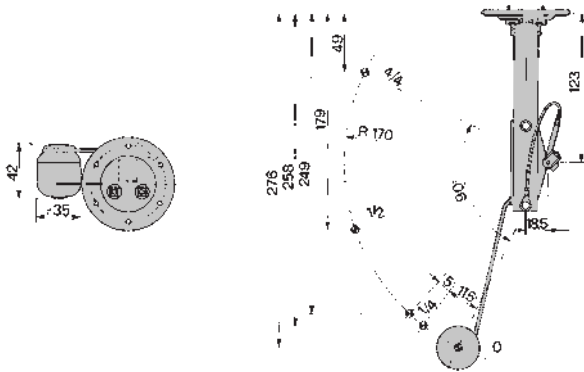
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.267.000

①=3 ②=1 ③=1

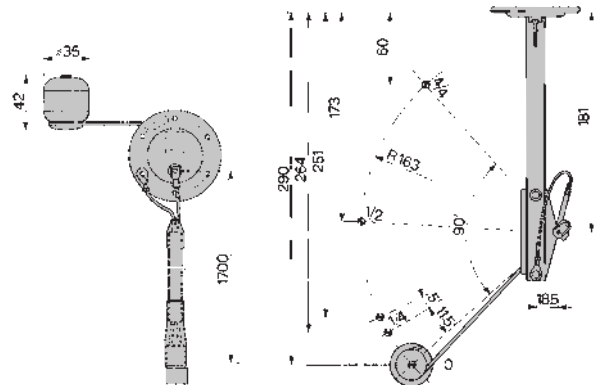
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.224.000

①=2 ②=1 ③=1

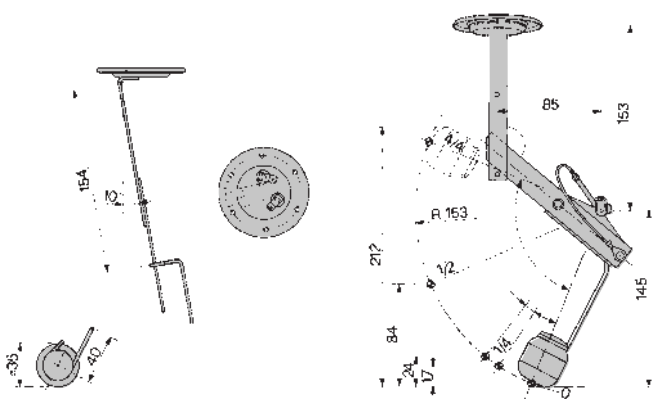
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.255.000

①=3 ②=1 ③=1

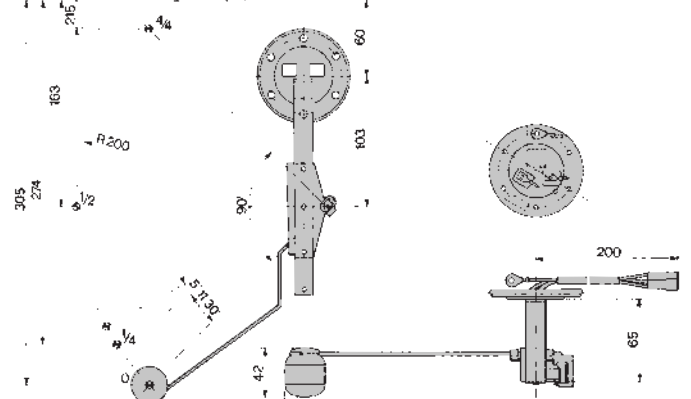
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.117.000

①=1 ②=1 ③=1

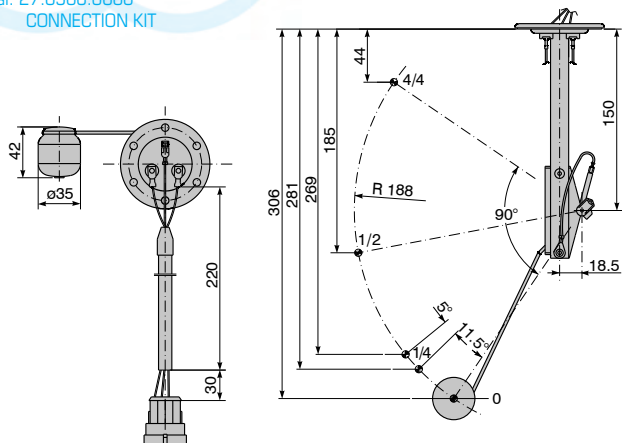
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.411.000

①=1 ②=1 ③=4

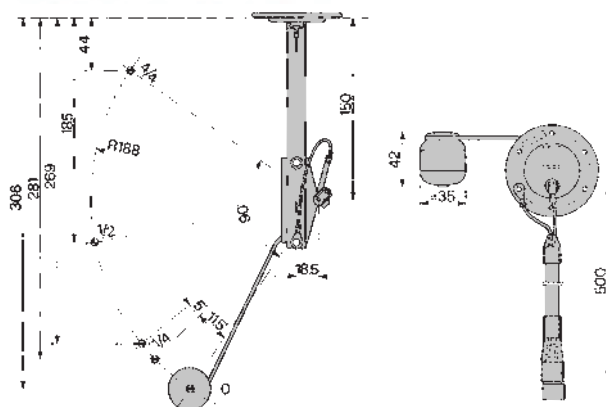
Optional: 27.0906.0000
CONNECTION KIT



29.225.000

①=2 ②=1 ③=1

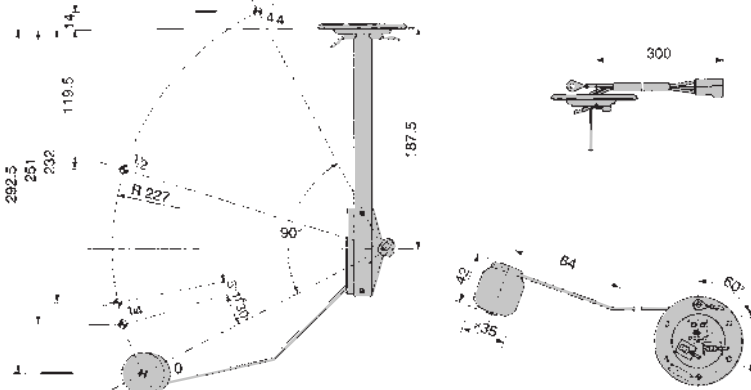
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.317.000

①=1 ②=1 ③=1

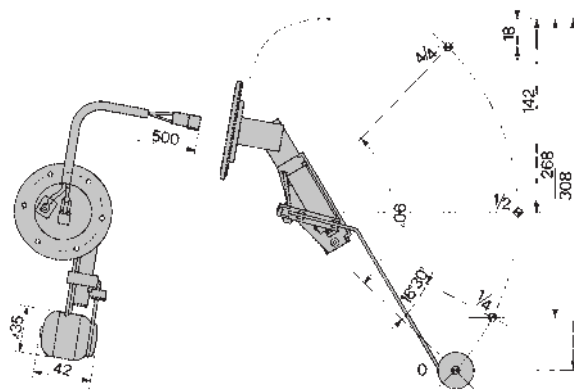
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.087.000

①=2 ②=1 ③=1

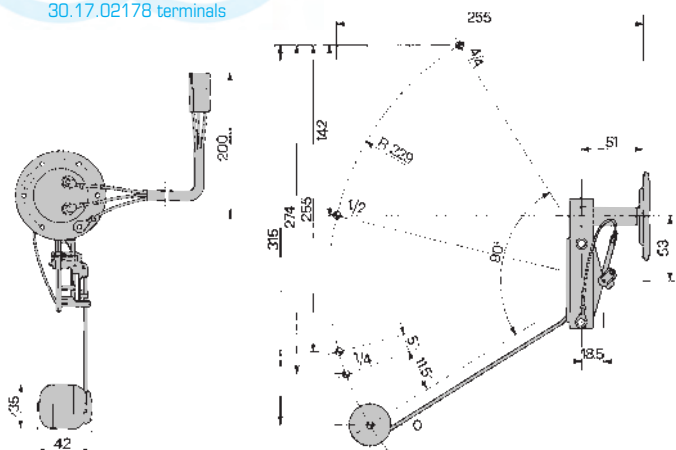
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.231.000

①=1 ②=1 ③=1

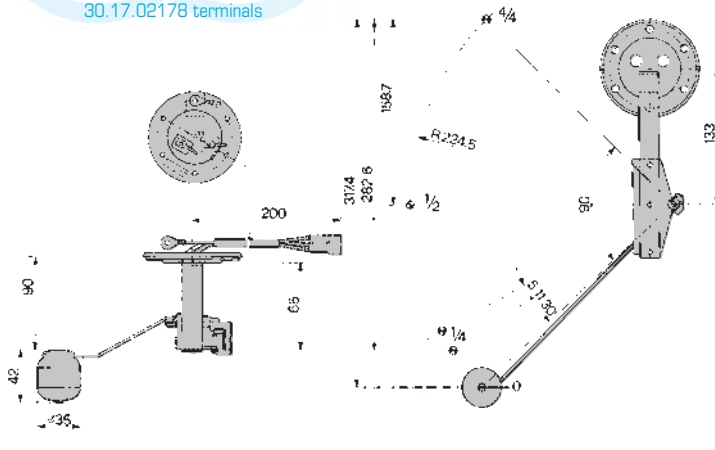
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.194.000

①=1 ②=1 ③=1

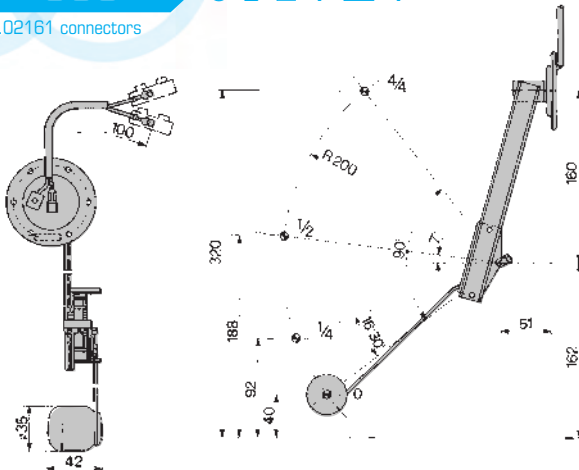
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.092.000

①=2 ②=1 ③=1

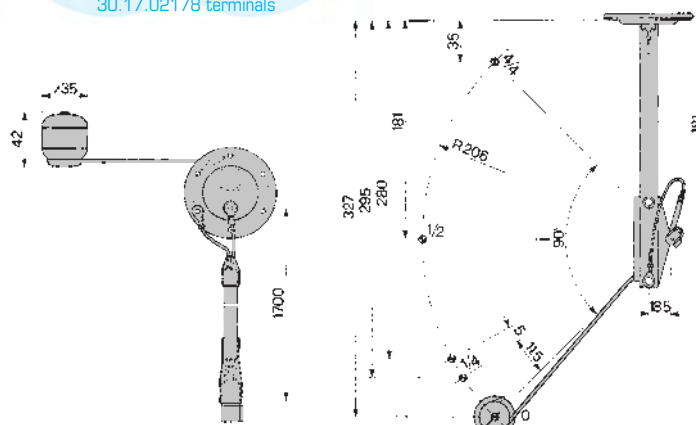
Optional: 30.17.02161 connectors



29.220.000

①=2 ②=1 ③=1

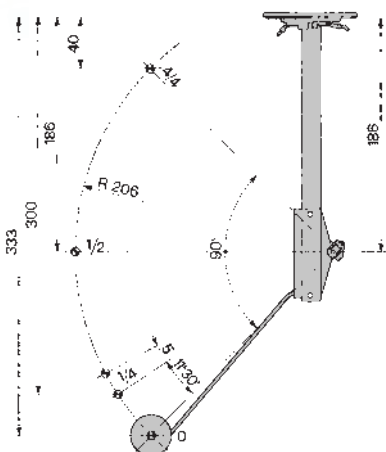
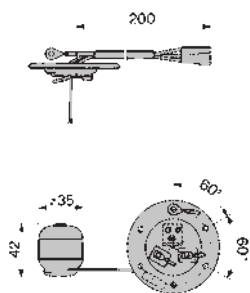
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.112.000

①=1 ②=1 ③=1

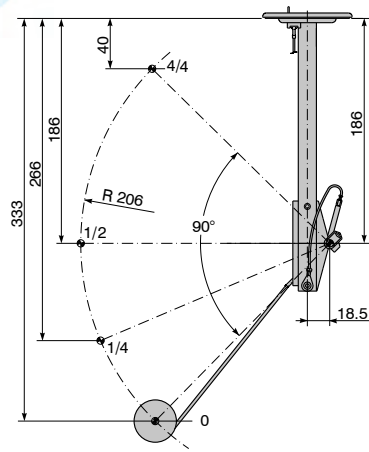
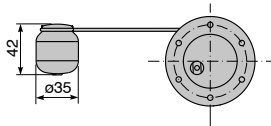
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0439.0000

①=4 ②=1 ③=1

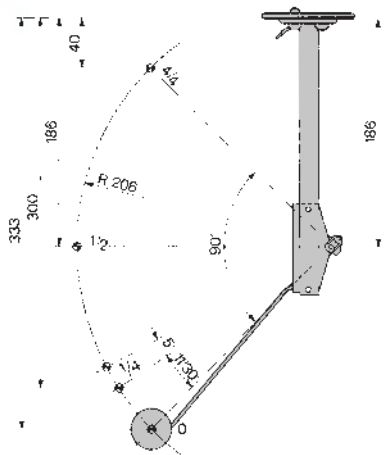
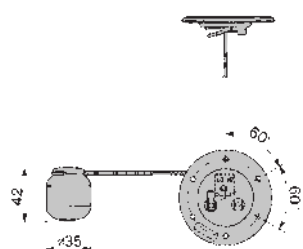
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.212.000

①=4 ②=2 ③=1

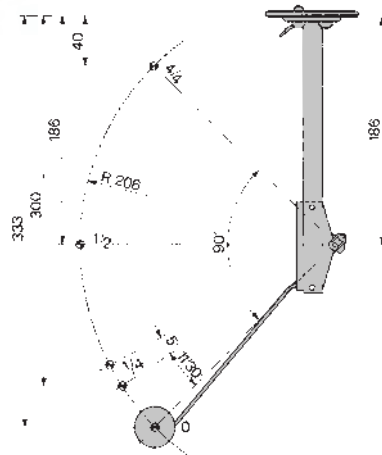
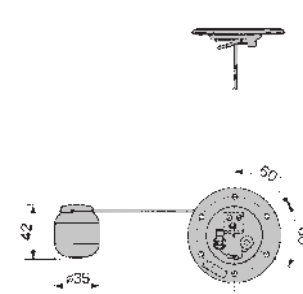
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.213.000

①=4 ②=7 ③=1

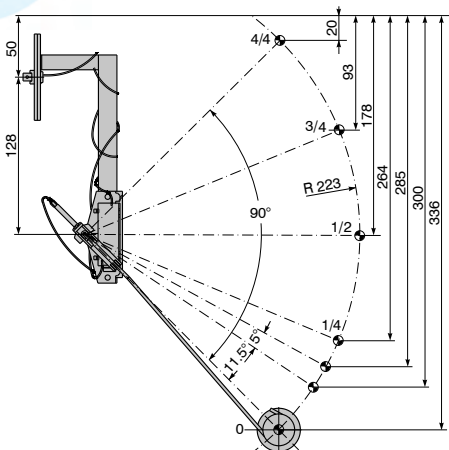
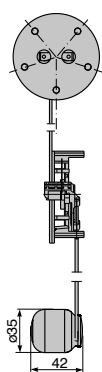
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0457.0000

①=3 ②=6 ③=3

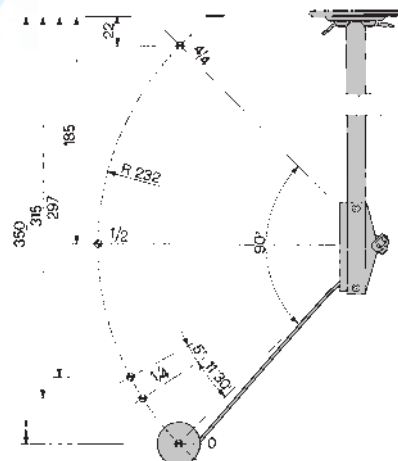
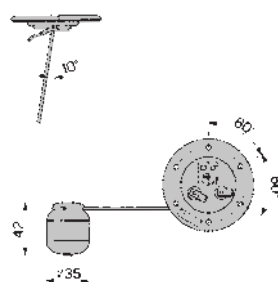
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.252.000

①=3 ②=1 ③=1

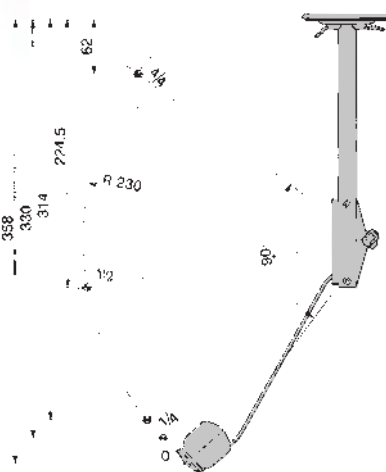
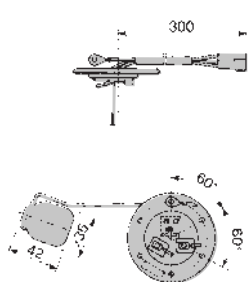
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.309.000

①=1 ②=1 ③=1

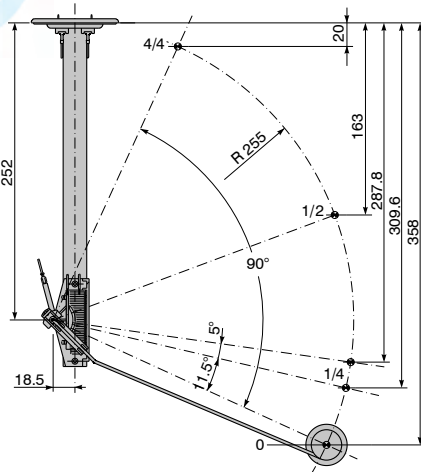
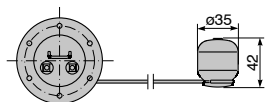
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.320.000

①=3 ②=3 ③=1

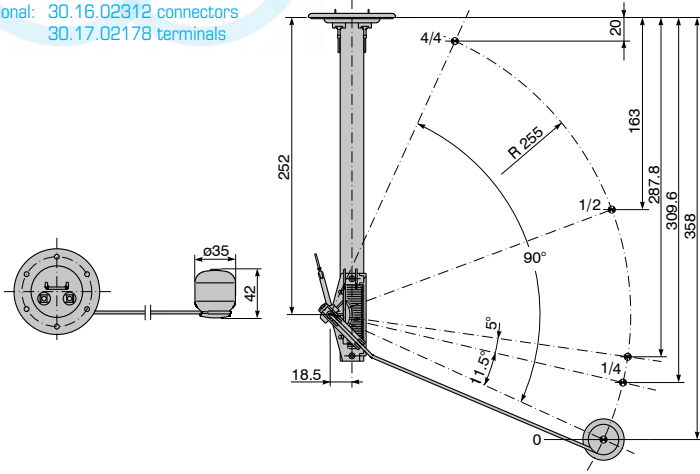
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.187.000

①=3 ②=1 ③=1

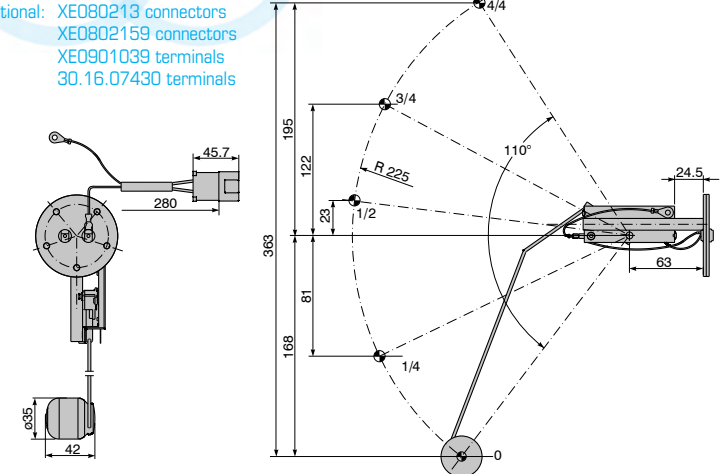
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0595.0000

①=2 ②=5 ③=3

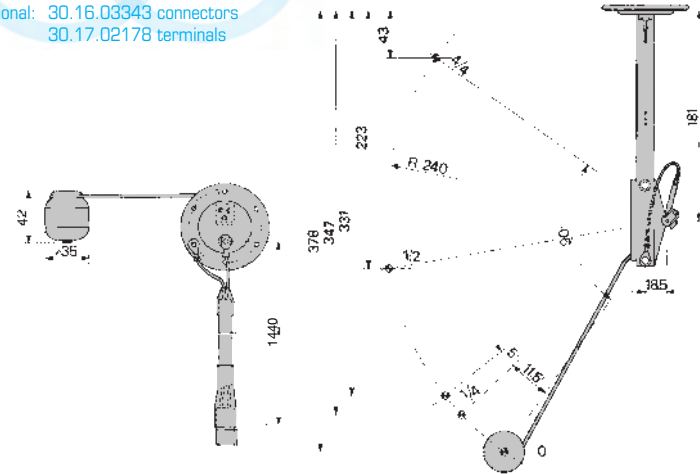
Optional: XE080213 connectors
XE0802159 connectors
XE0901039 terminals
30.16.07430 terminals



29.221.000

①=2 ②=1 ③=1

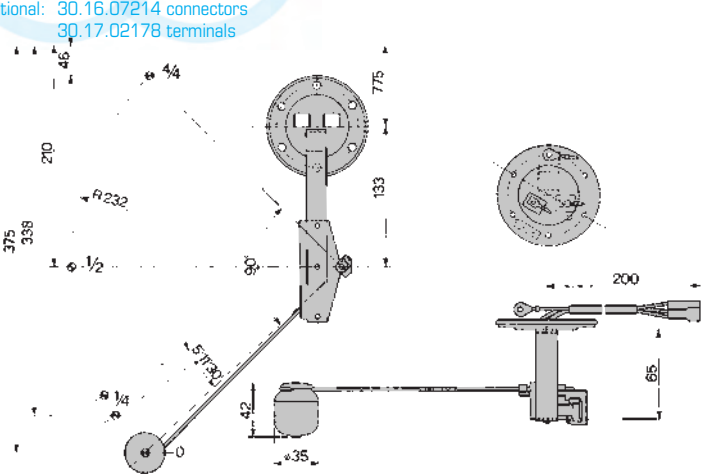
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.115.000

①=1 ②=1 ③=1

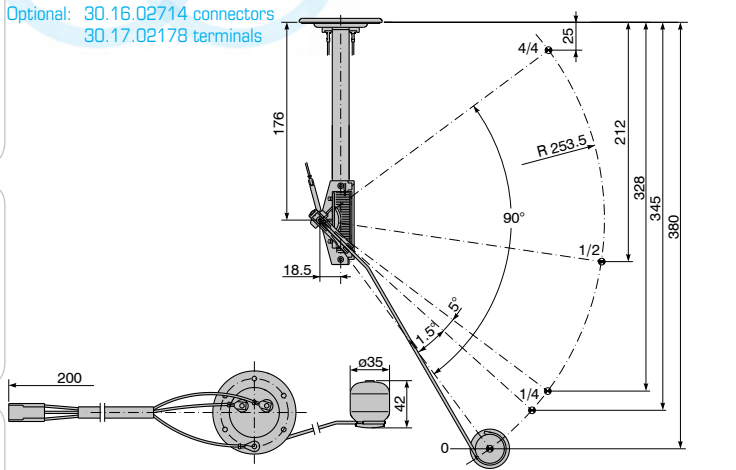
Optional: 30.16.07214 connectors
30.17.02178 terminals



29.416.000

①=1 ②=1 ③=1

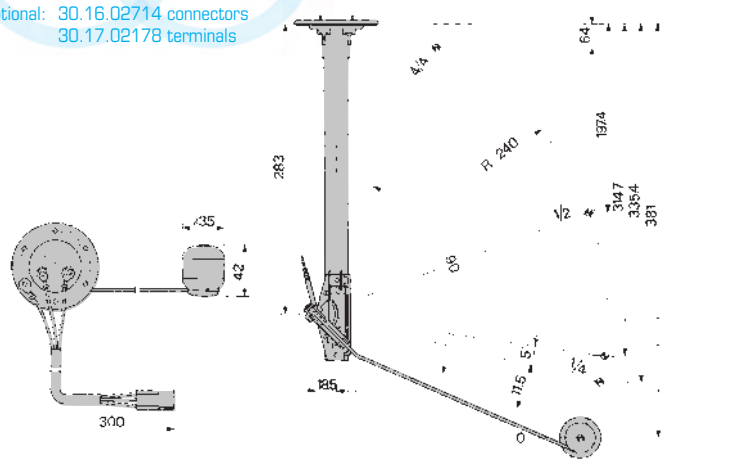
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.196.000

①=1 ②=1 ③=1

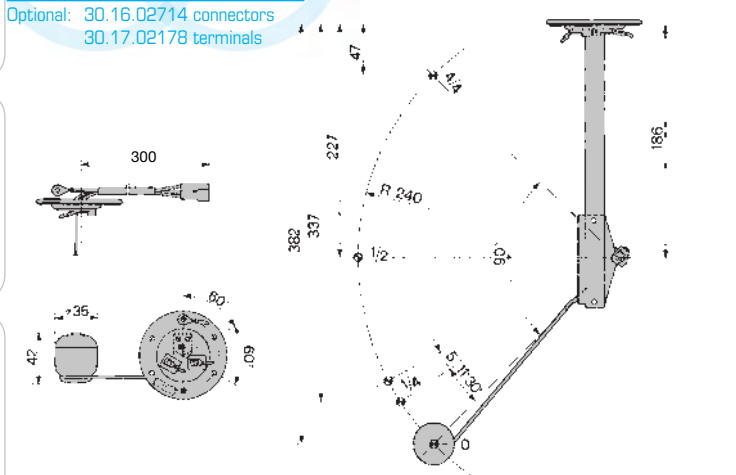
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.121.000

①=1 ②=1 ③=1

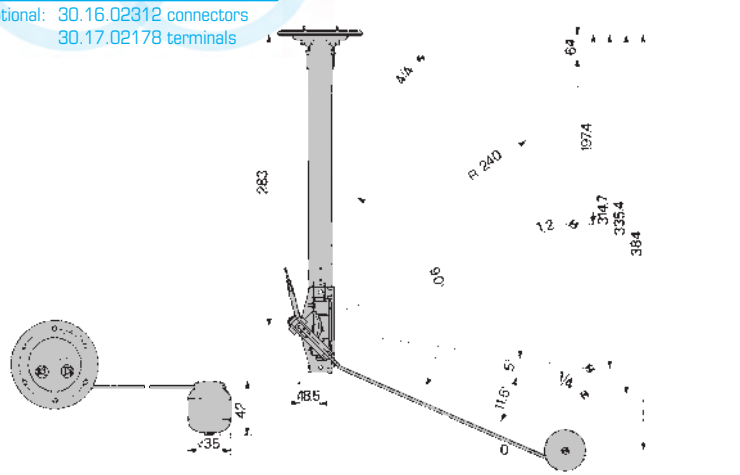
Optional: 30.16.02714 connectors
30.17.02178 terminals



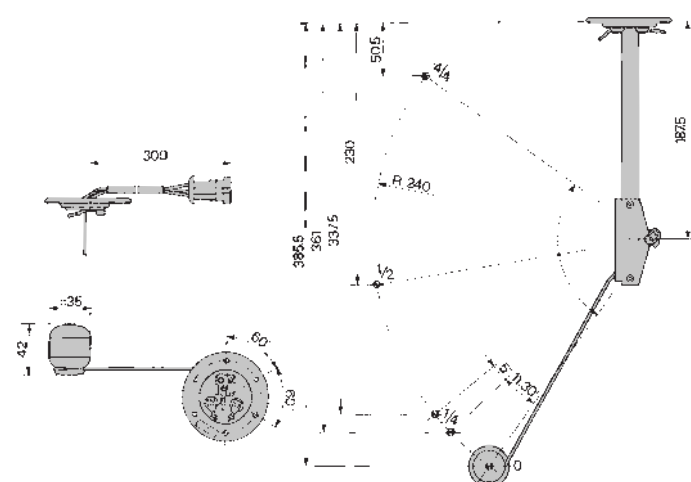
29.184.000

①=3 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals

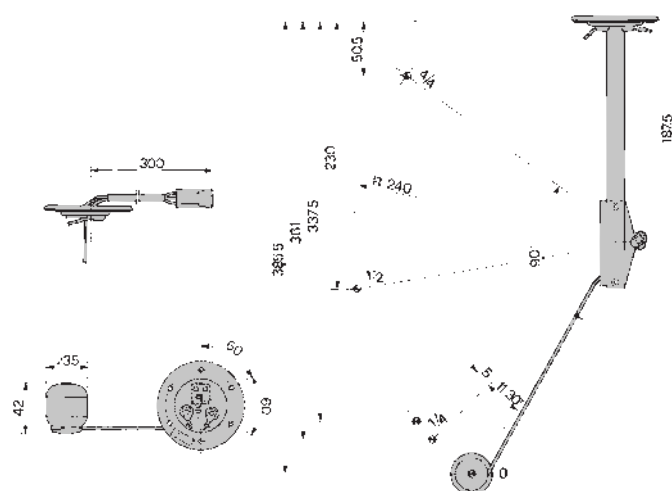


$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{Ⓢ}=1$

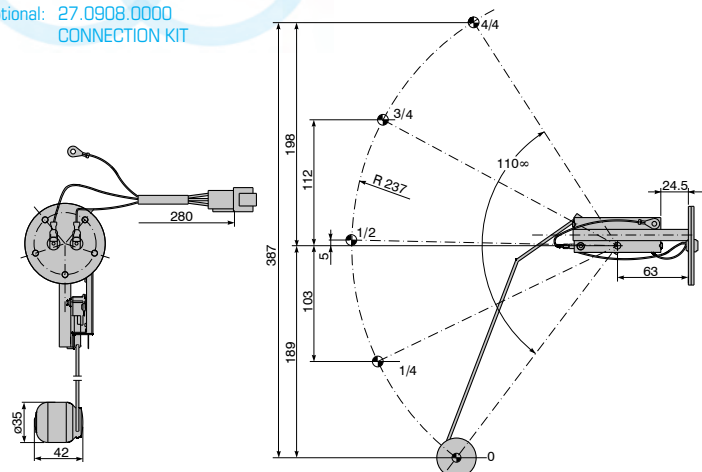
Optional: 27.0905.0000
CONNECTION KIT

$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{ⓈⓈ}=1$

Optional: 30.16.02714 connectors
30.17.02178 terminals

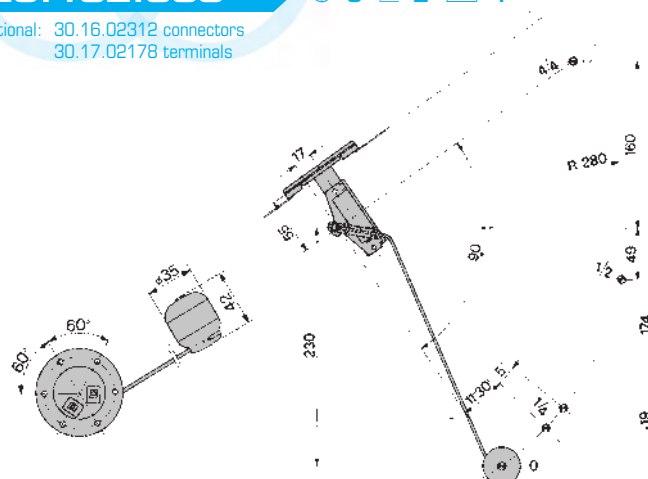


 = 1
 = 5
 = 3

Optional: 27.0908.0000
CONNECTION KIT

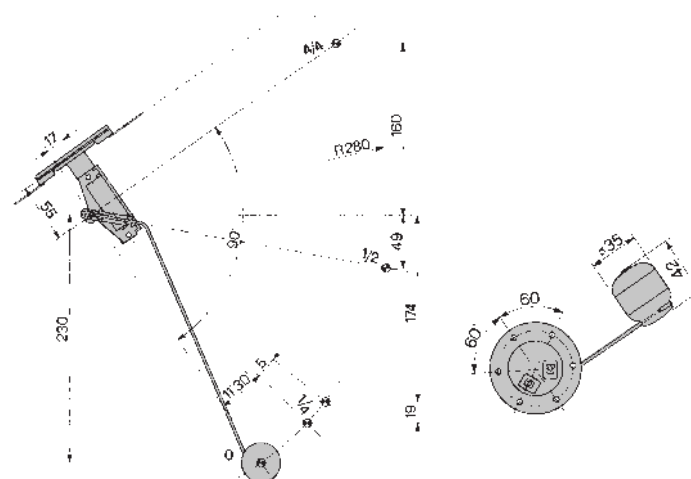
⊙=3 □=2 ⊞=1

Optional: 30.16.02312 connectors
30.17.02178 terminals



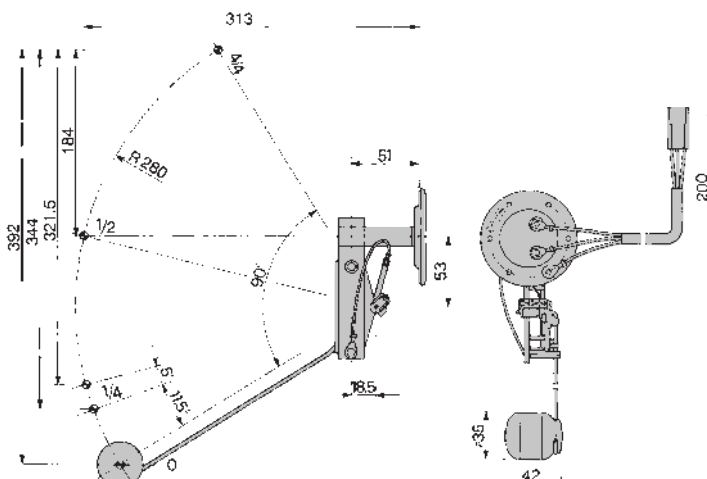
=3 =1 =1

Optional: 30.16.02312 connectors
30.17.02178 terminals



$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{Ⓢ⓪}=1$

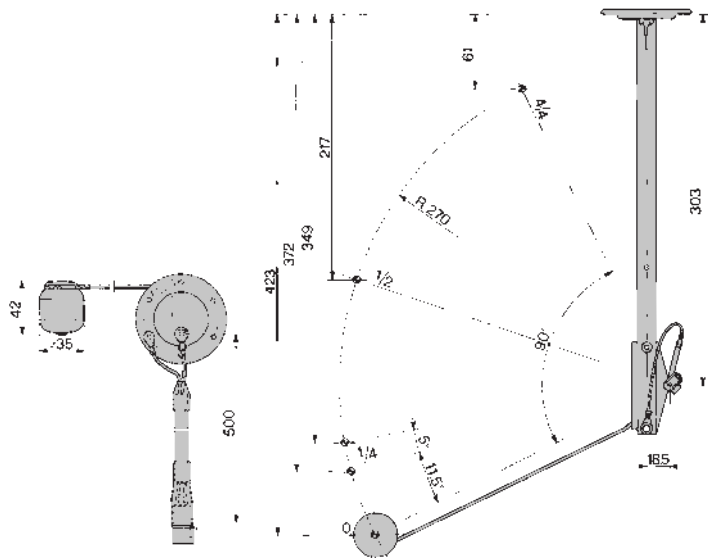
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.219.000

①=2 ②=1 ③=1

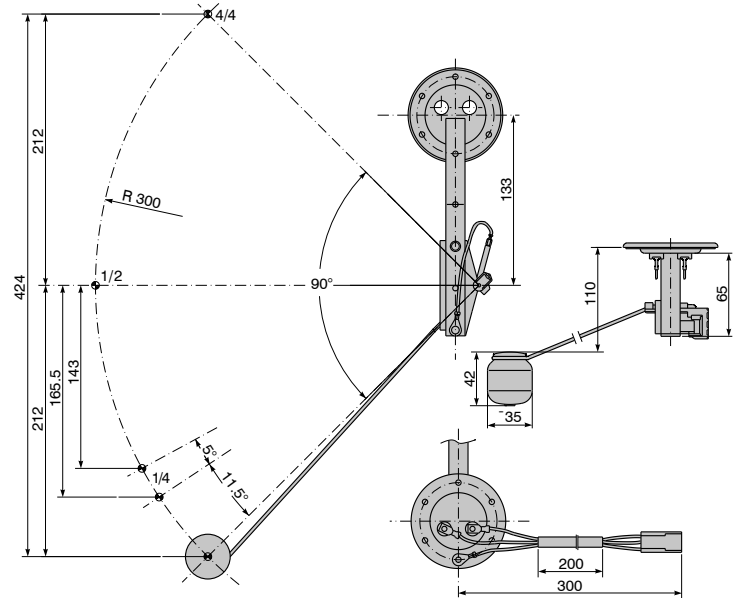
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.282.000

①=1 ②=1 ③=1

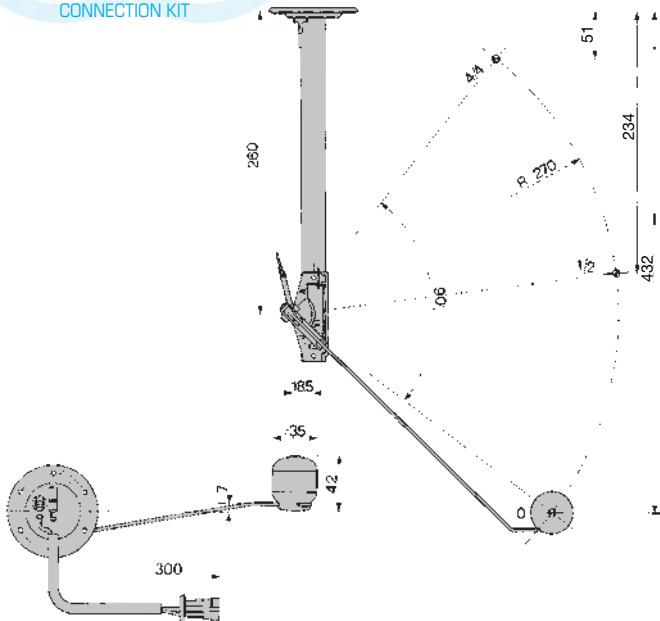
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.228.000

①=2 ②=4 ③=1

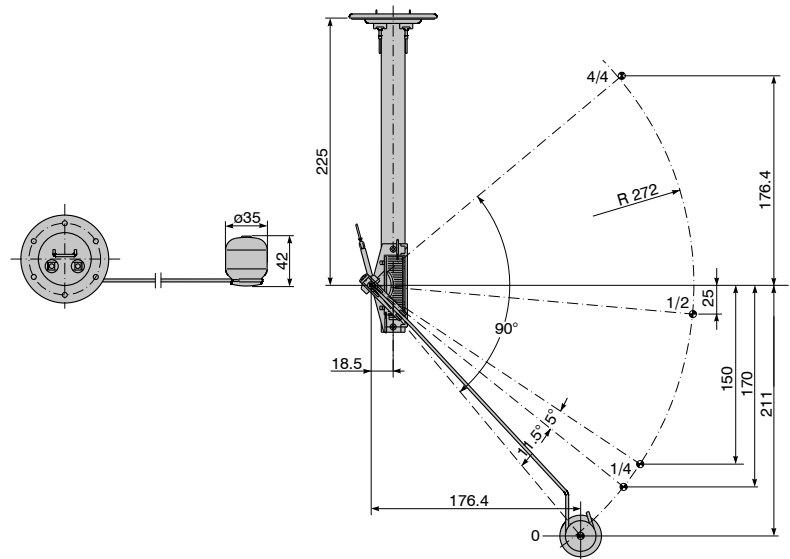
Optional: 27.0905.0000
CONNECTION KIT



29.0489.0000

①=3 ②=1 ③=1

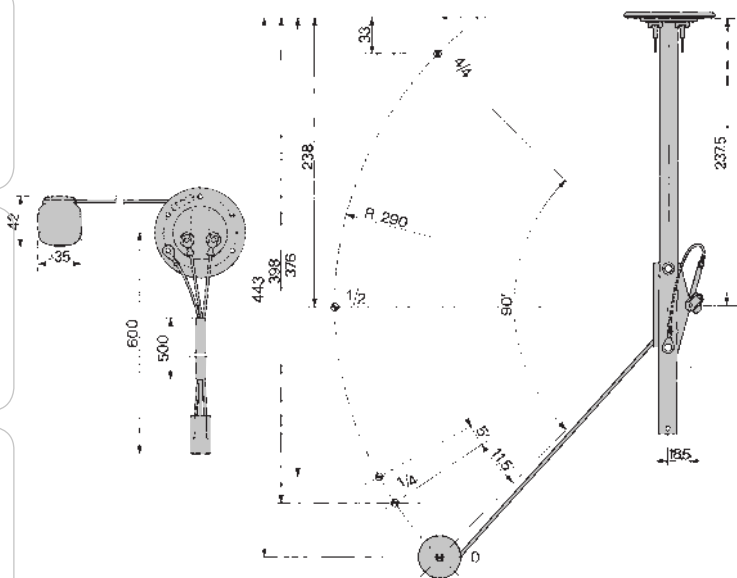
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.272.000

①=1 ②=1 ③=1

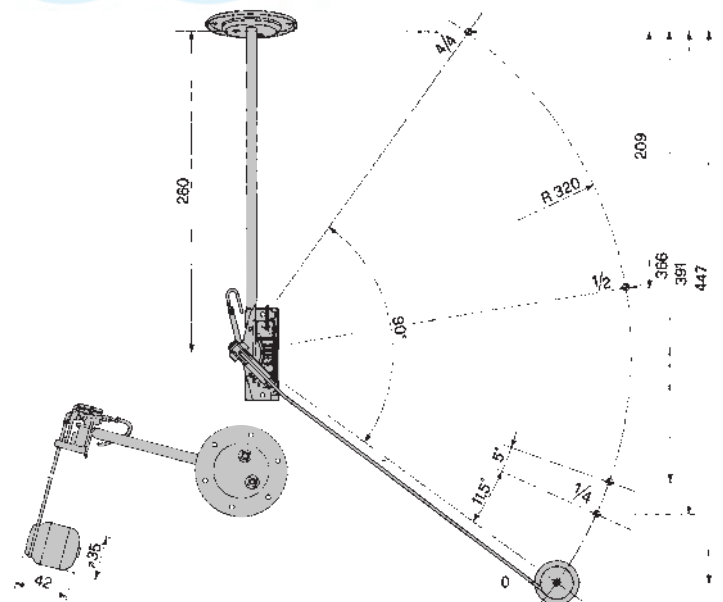
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.276.000

①=3 ②=1 ③=1

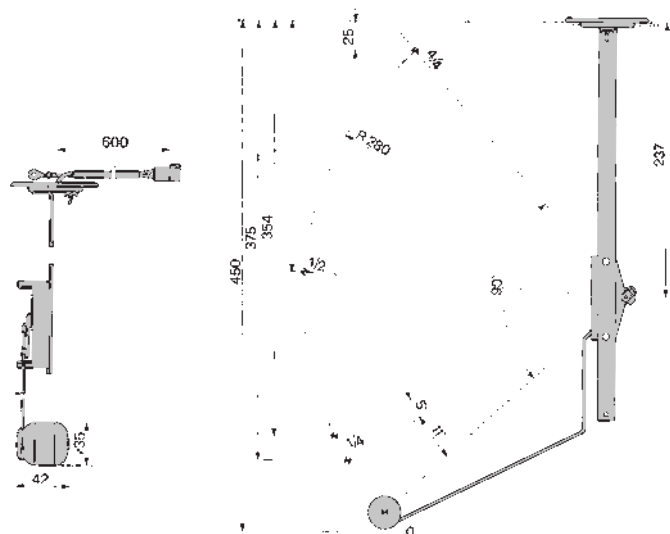
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.108.000

①=2 ②=1 ③=1

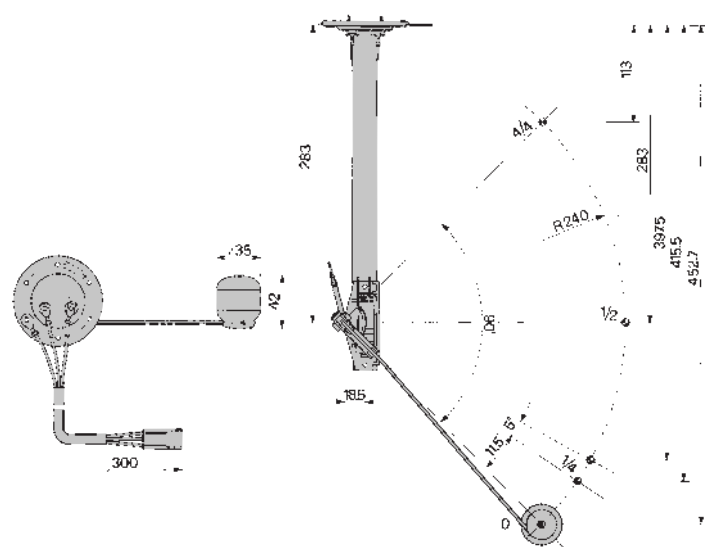
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.183.000

①=1 ②=1 ③=1

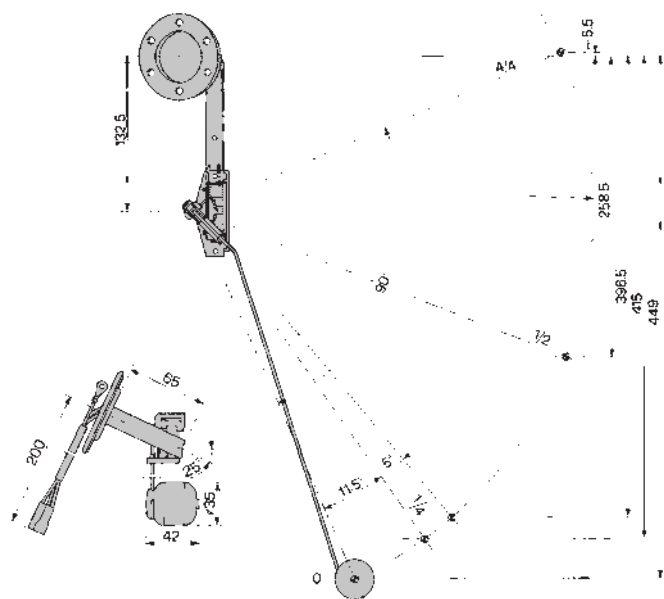
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.182.000

①=1 ②=1 ③=1

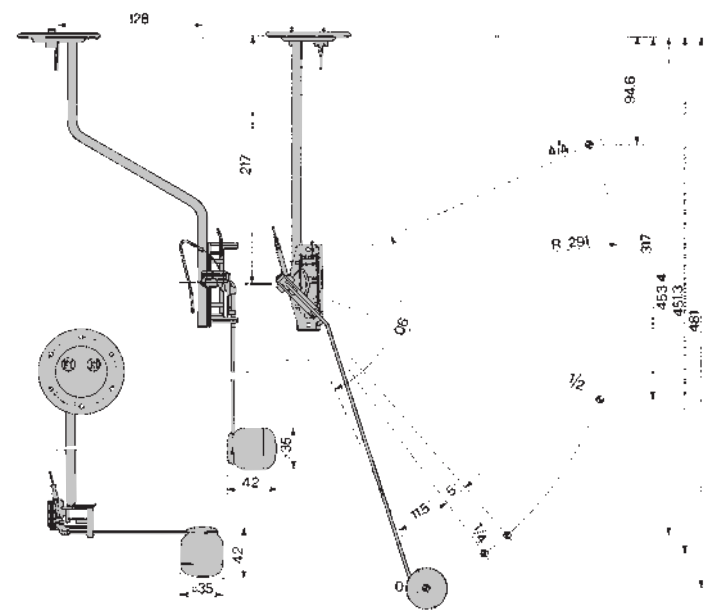
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.188.000

①=3 ②=1 ③=1

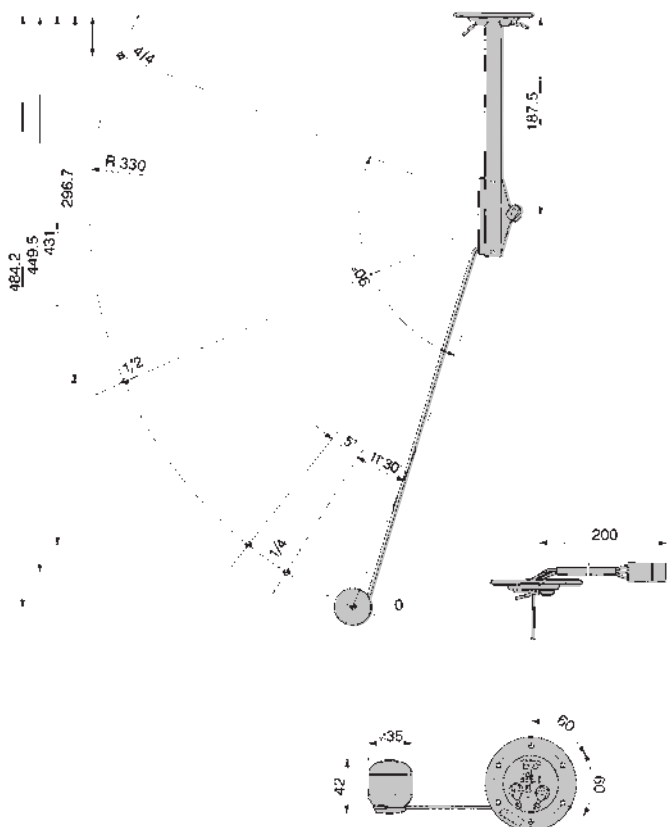
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.354.000

①=1 ②=1 ③=1

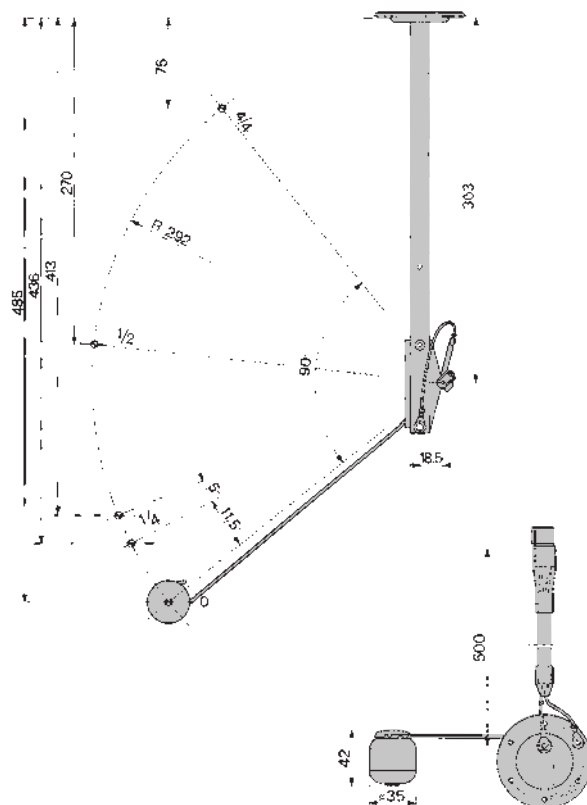
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.222.000

①=2 ②=1 ③=1

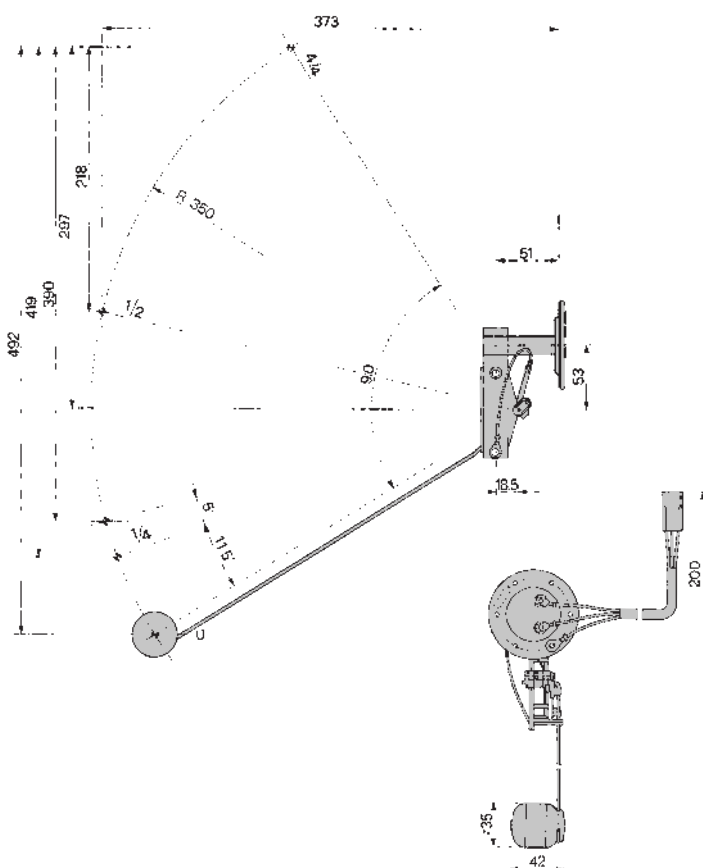
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.247.000

①=1 ②=1 ③=1

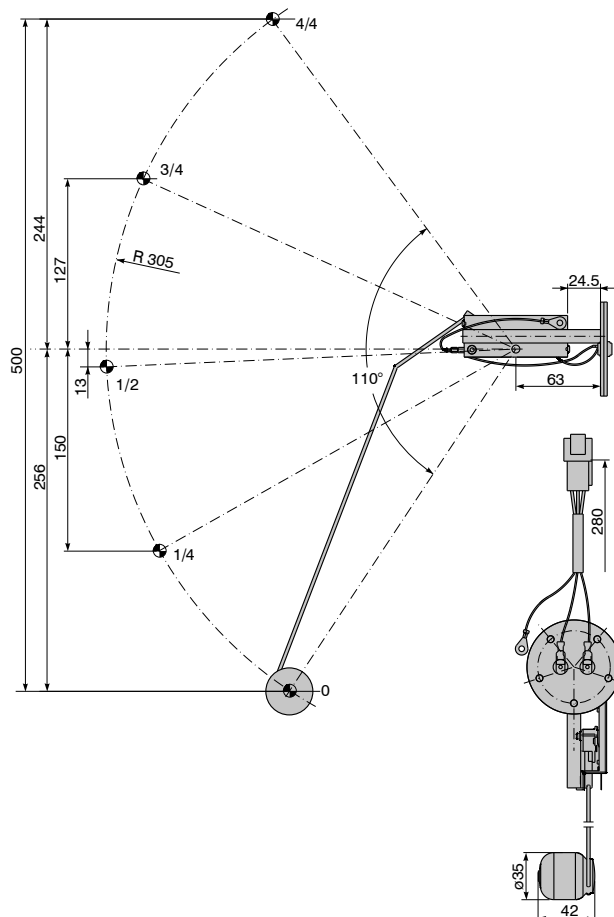
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0483.0000

①=1 ②=5 ③=3

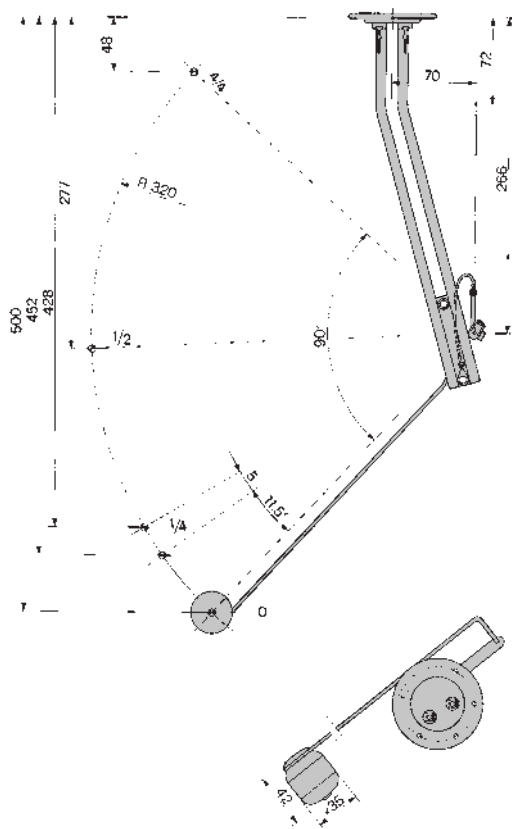
Optional: 27.0908.0000
CONNECTION KIT



29.273.000

①=3 ②=1 ③=1

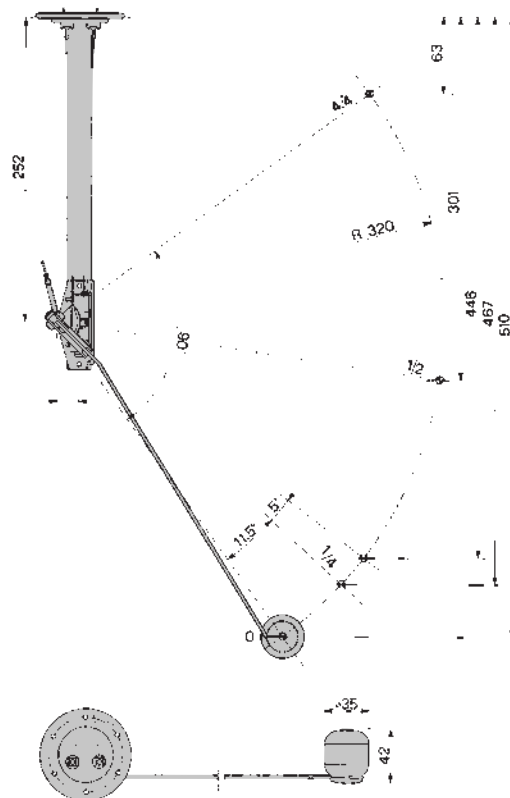
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.275.000

①=3 ②=1 ③=1

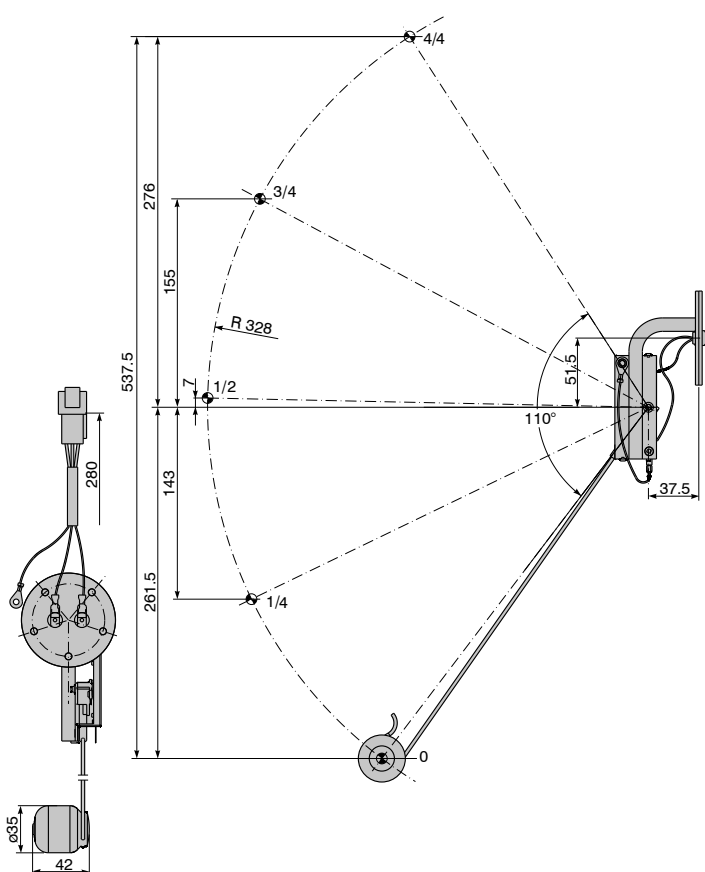
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0484.0000

①=1 ②=5 ③=3

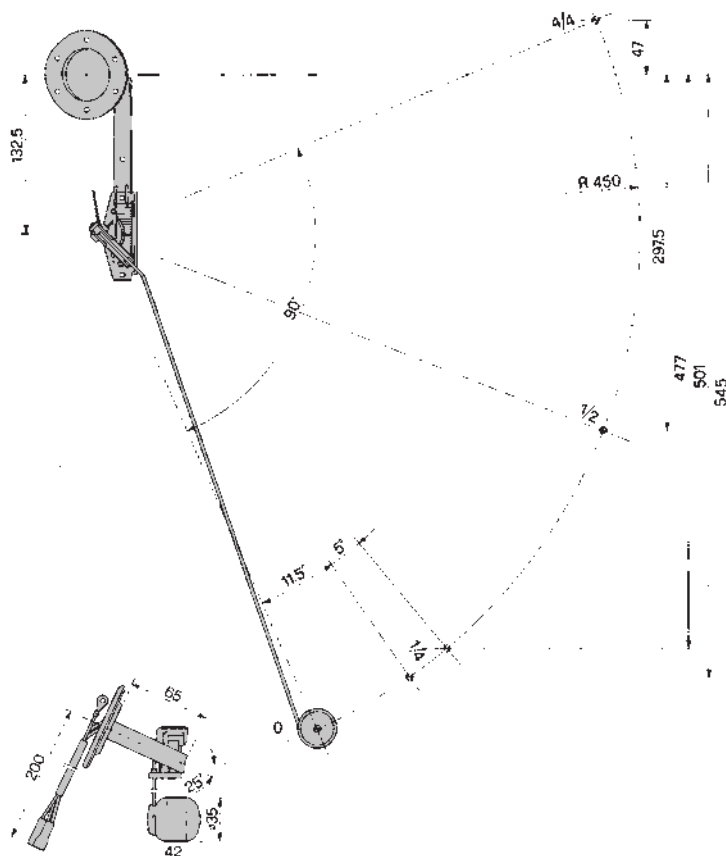
Optional: 27.0908.0000
CONNECTION KIT



29.181.000

①=1 ②=1 ③=1

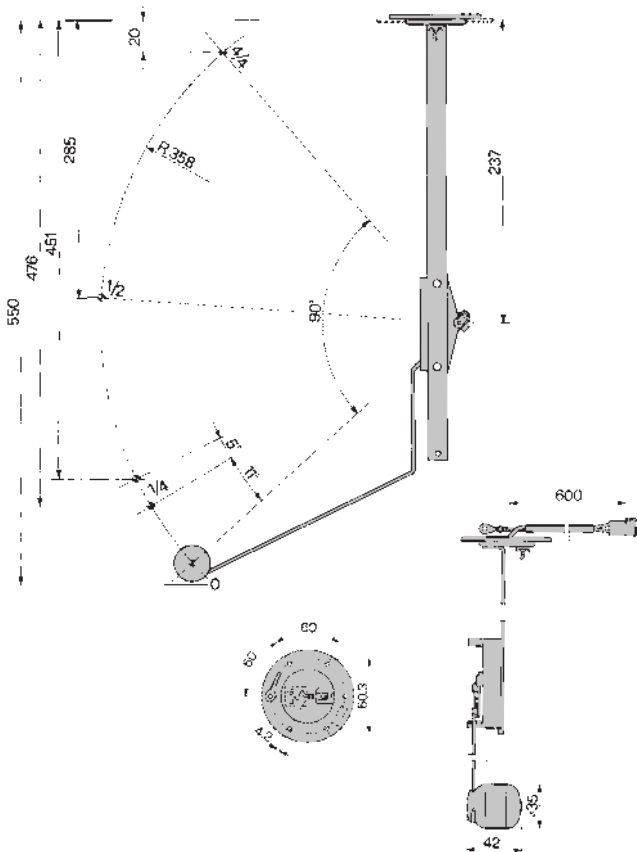
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.107.000

①=2 ②=1 ③=1

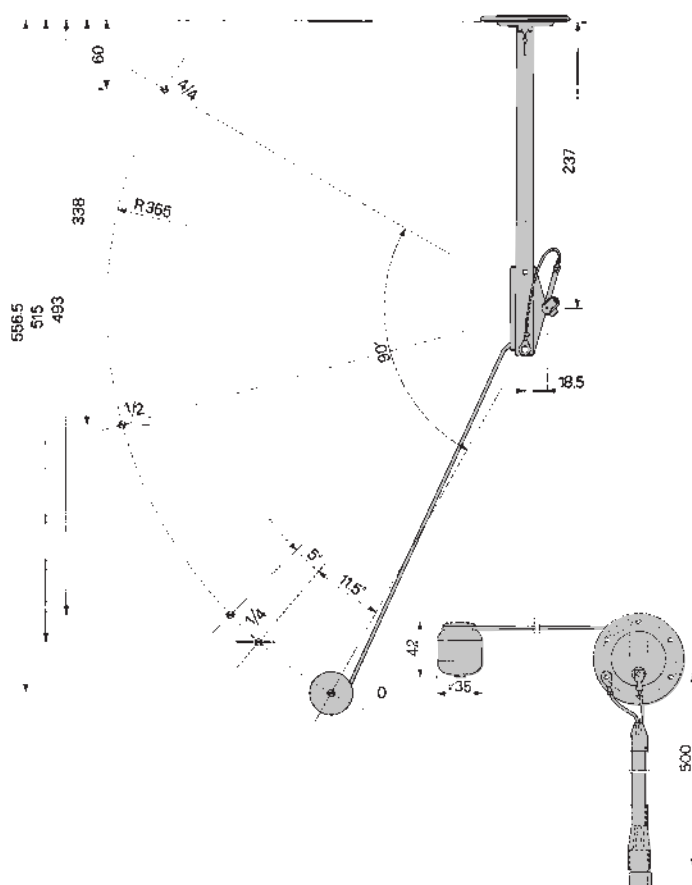
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.218.000

①=2 ②=1 ③=1

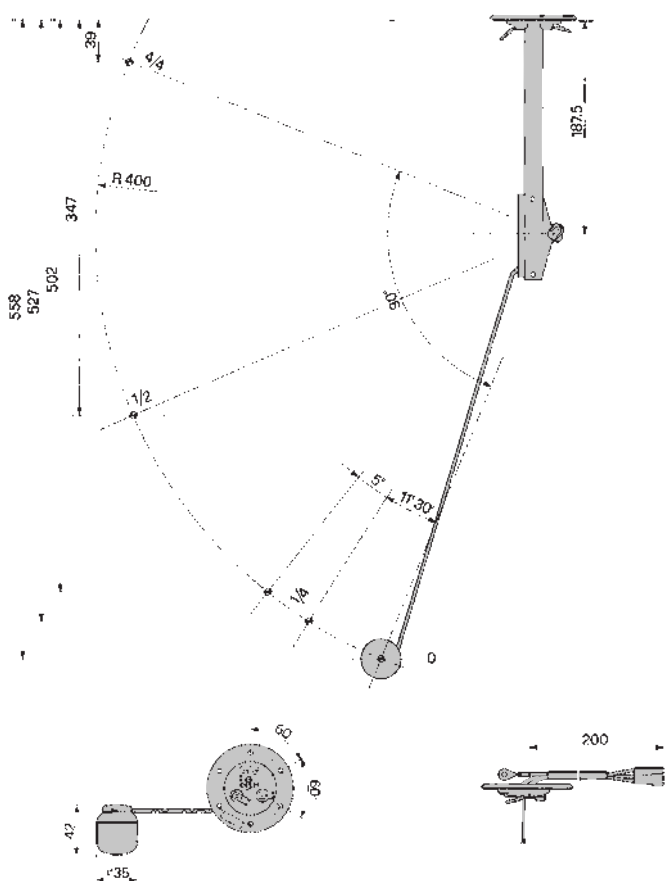
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.253.000

①=1 ②=1 ③=1

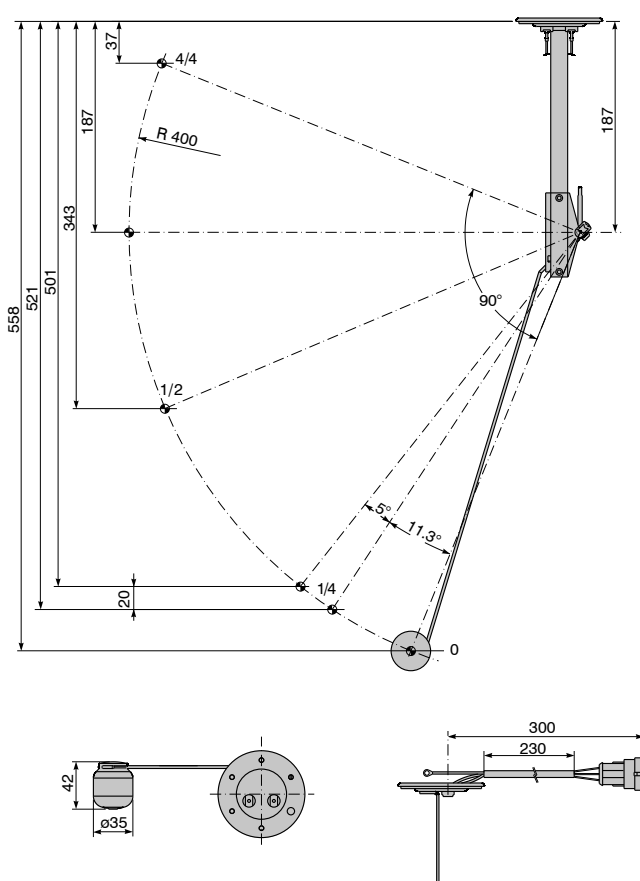
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0455.0000

①=1 ②=1 ③=2

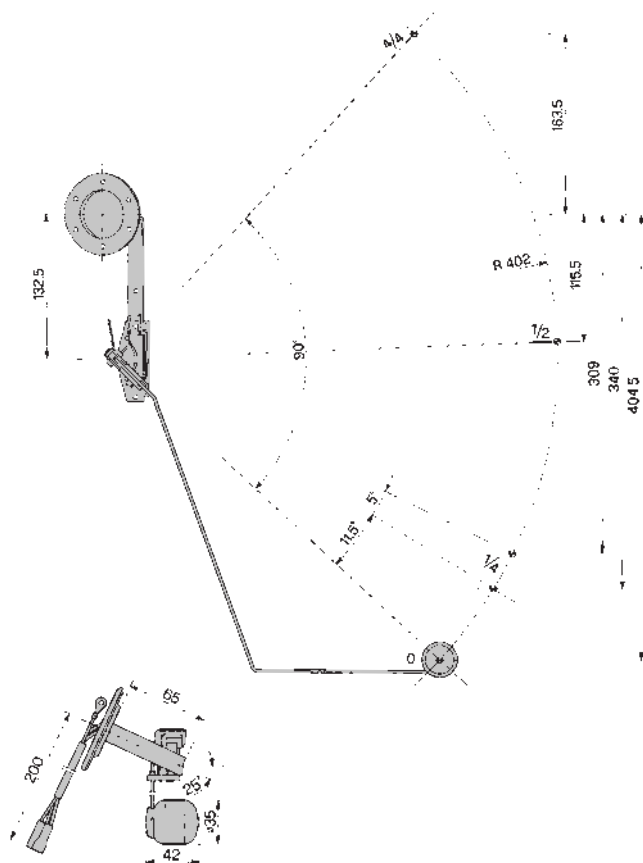
Optional: 27.0905.0000
CONNECTION KIT



29.234.000

①=1 ②=1 ③=1

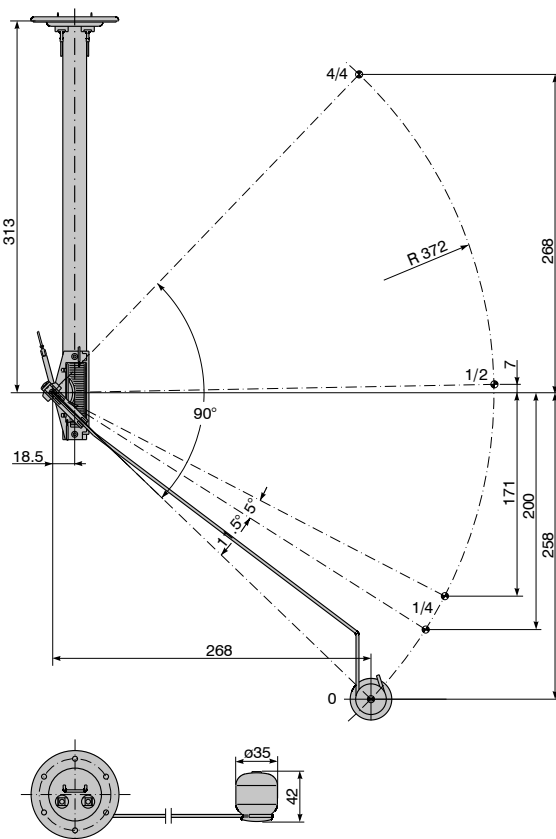
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.0487.0000

①=3 ②=1 ③=1

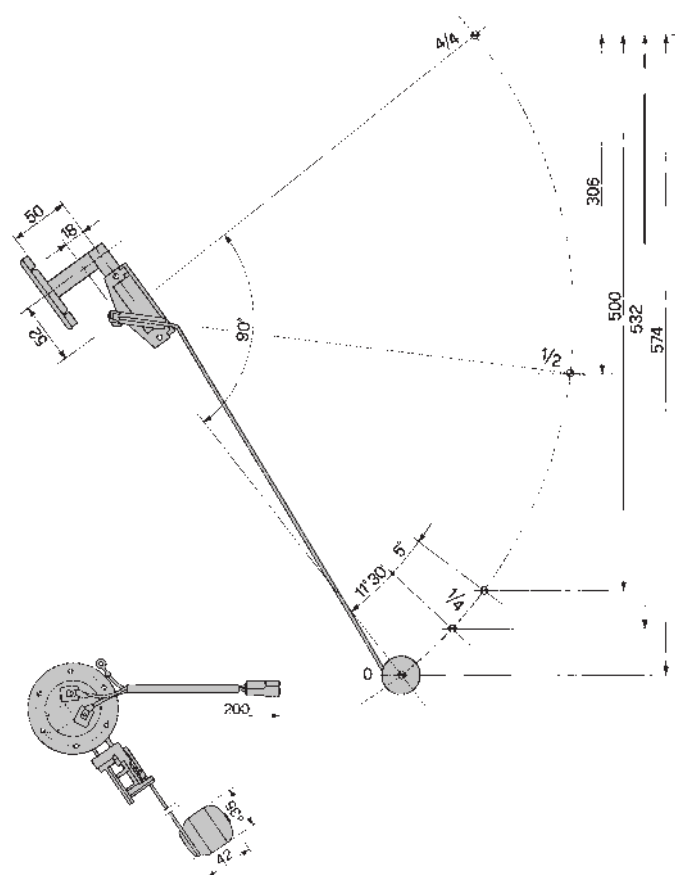
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.130.000

①=1 ②=1 ③=1

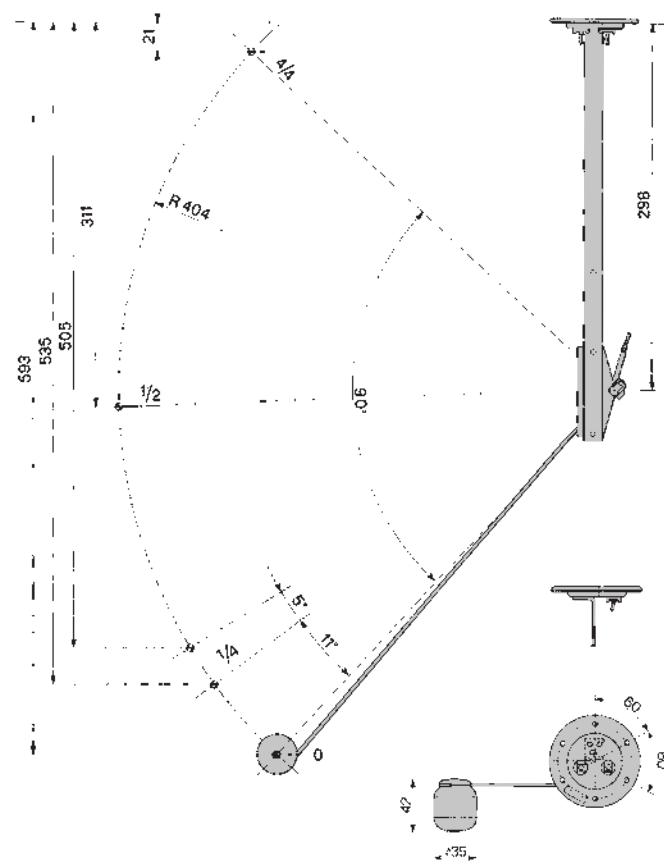
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.235.000

①=2 ②=1 ③=1

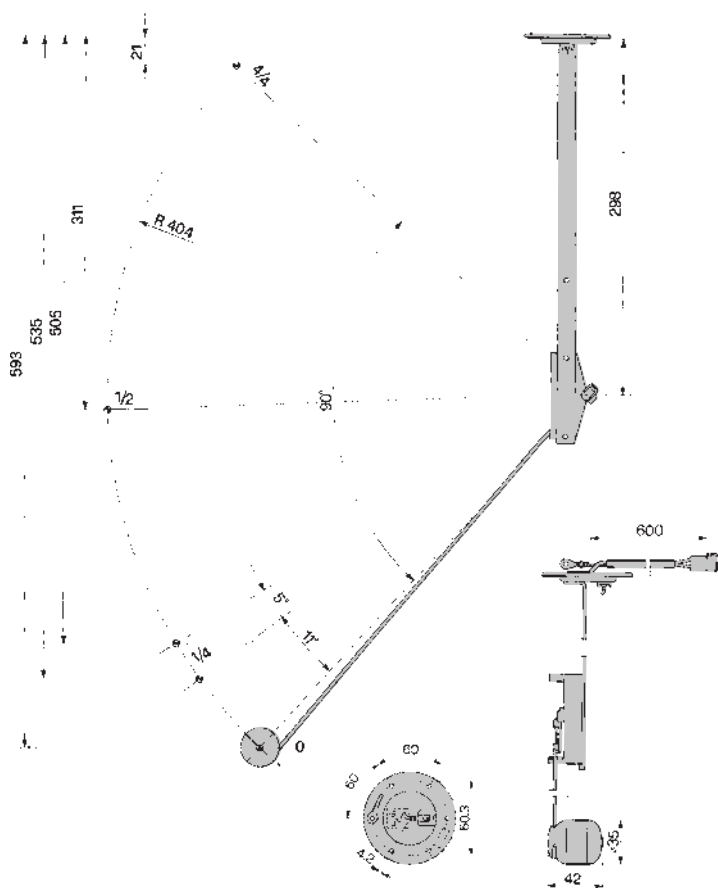
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.109.000

①=2 ②=1 ③=1

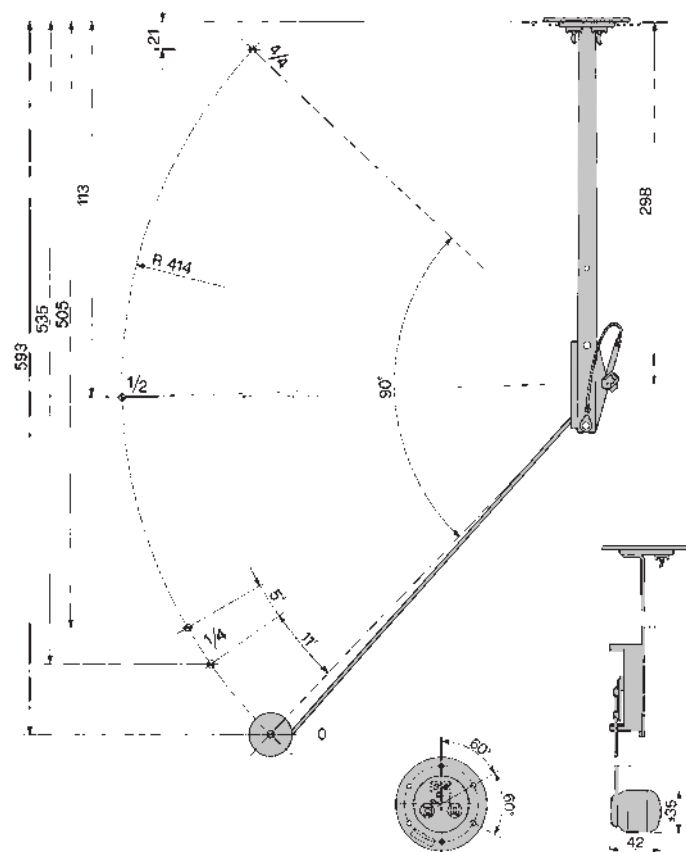
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.297.000

①=3 ②=1 ③=1

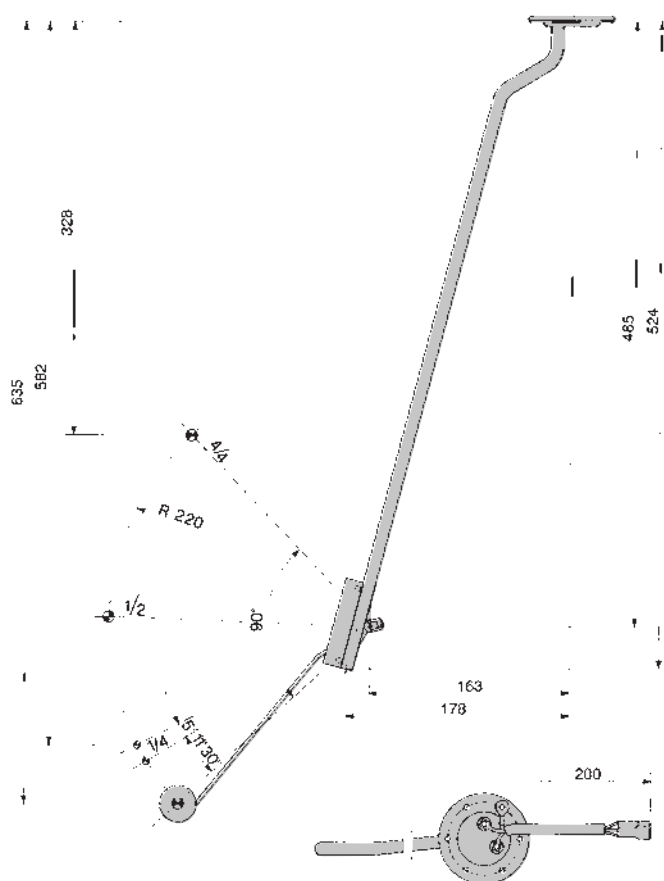
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.316.000

①=1 ②=1 ③=1

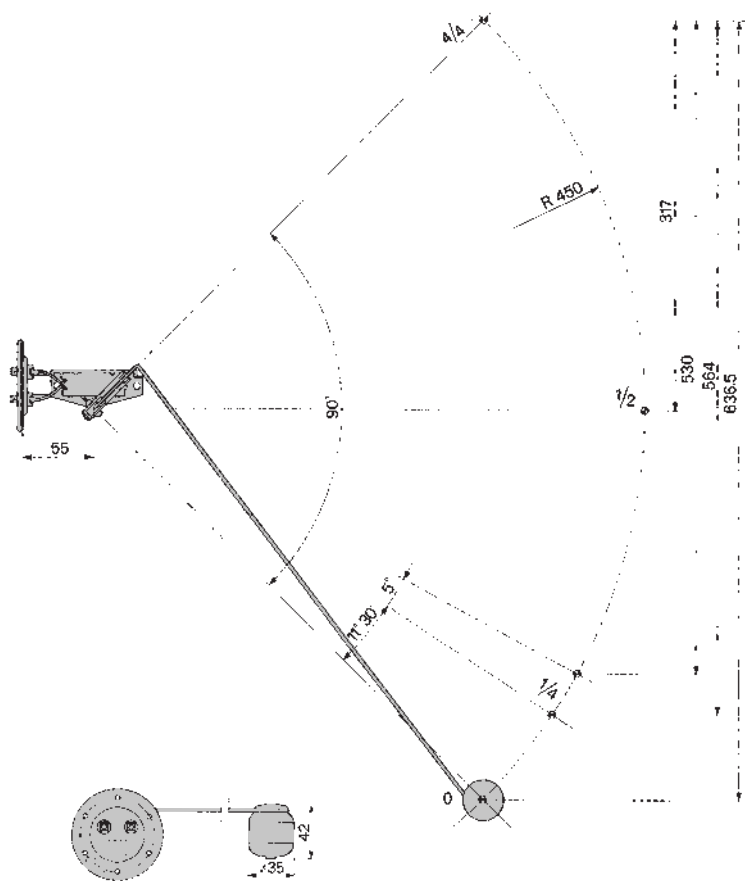
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.197.000

①=3 ②=1 ③=1

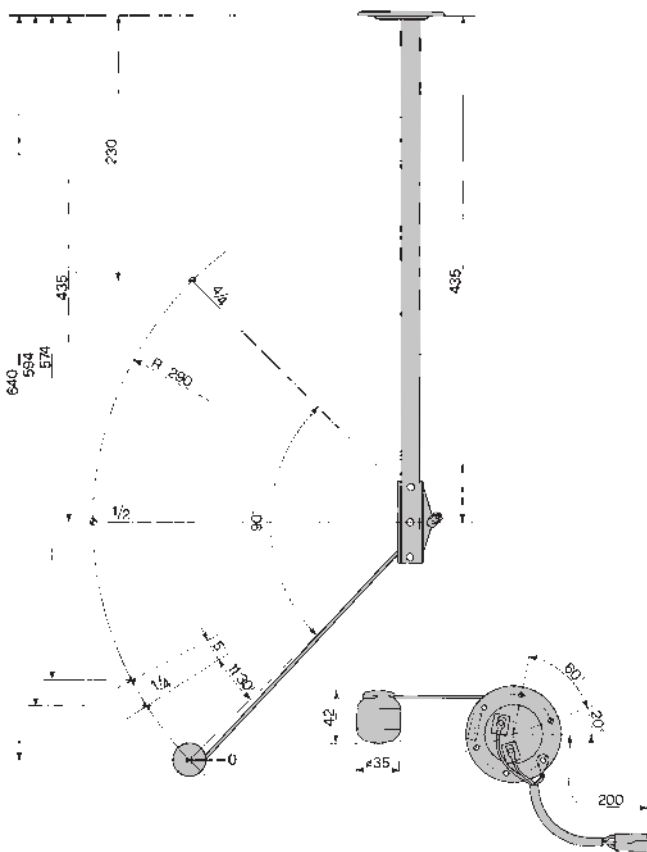
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.122.000

①=1 ②=1 ③=1

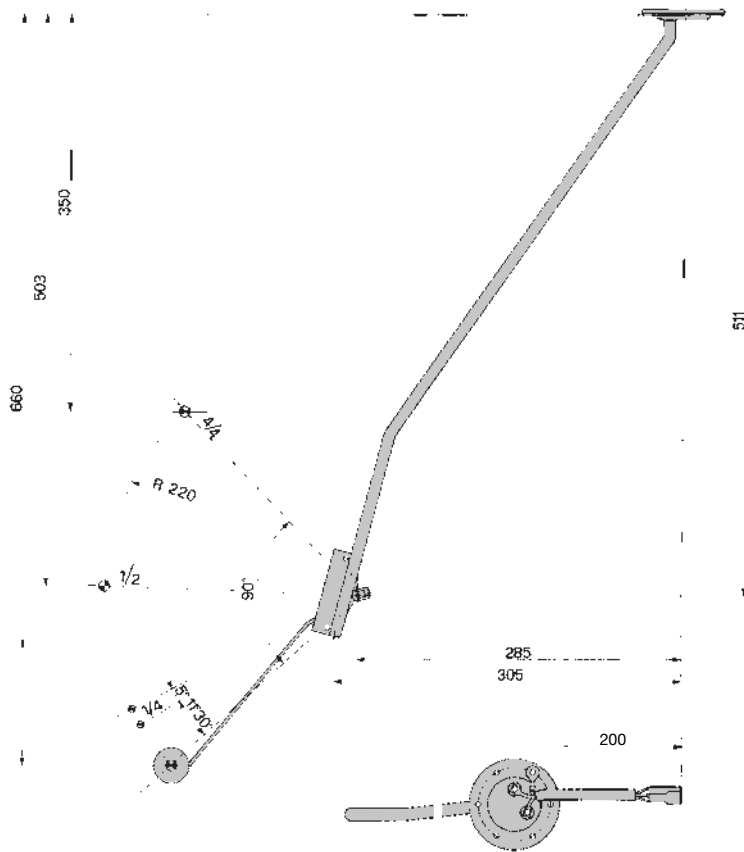
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.143.000

①=1 ②=1 ③=1

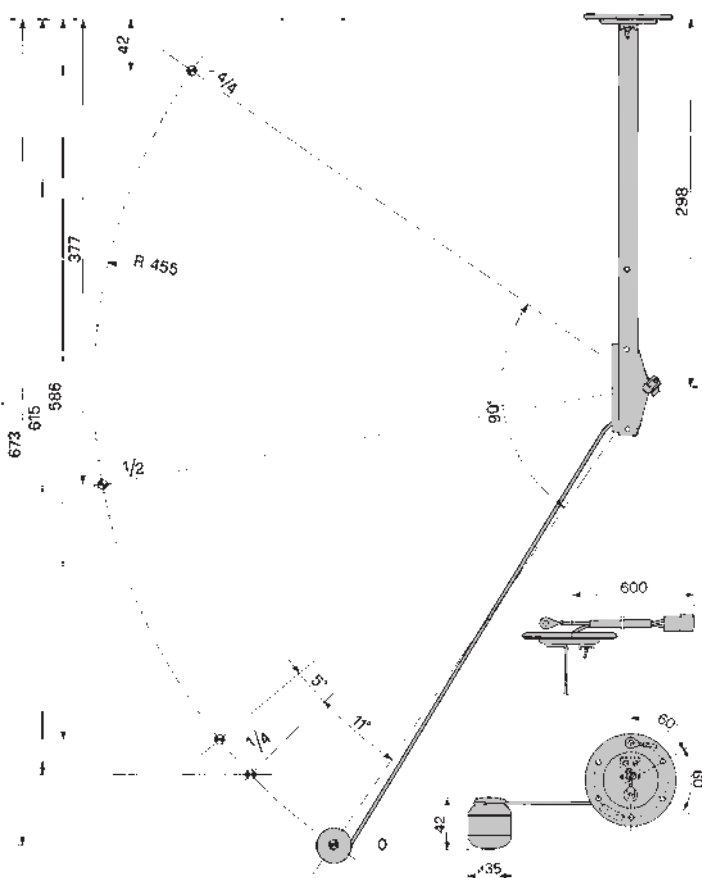
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.176.000

①=2 ②=2 ③=1

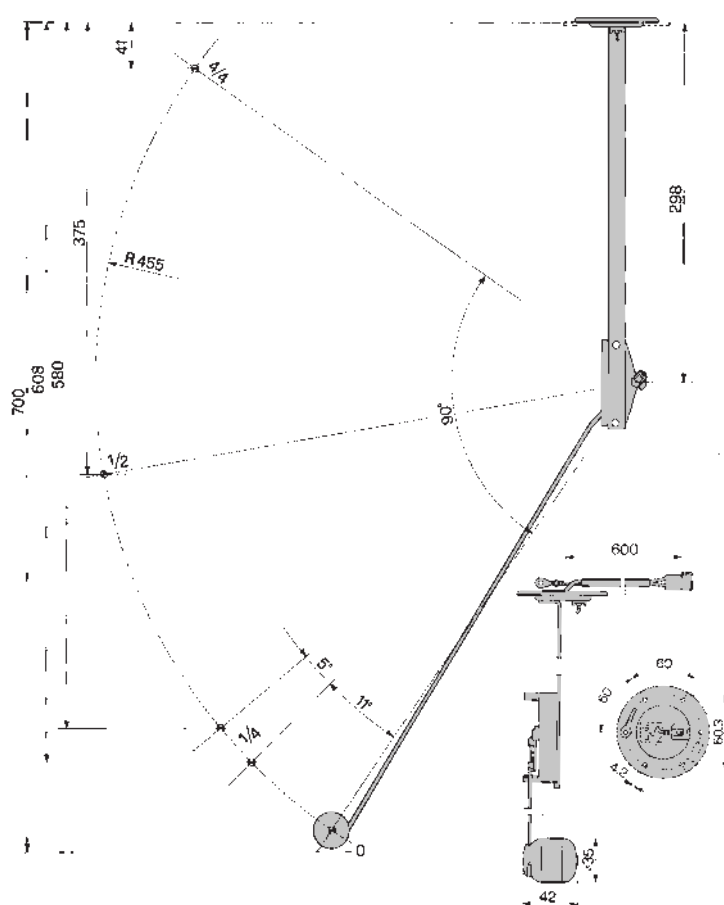
Optional: 30.16.03943 connectors
30.17.02178 terminals



29.110.000

①=2 ②=1 ③=1

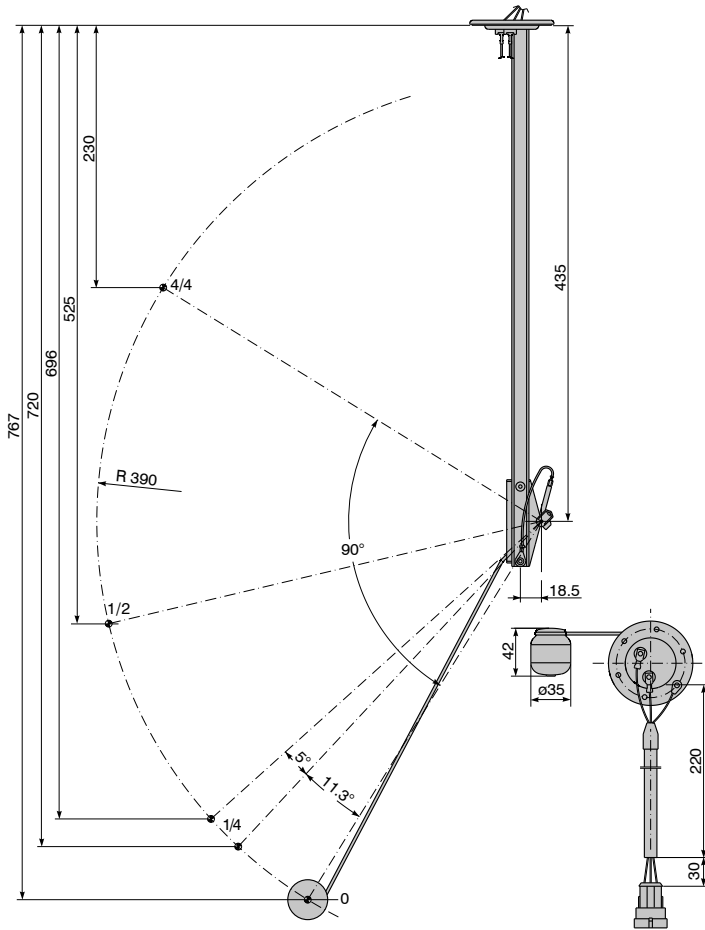
Optional: 30.16.03943 connectors
30.17.02178 terminals



29.0423.0000

①=1 ②=1 ③=1

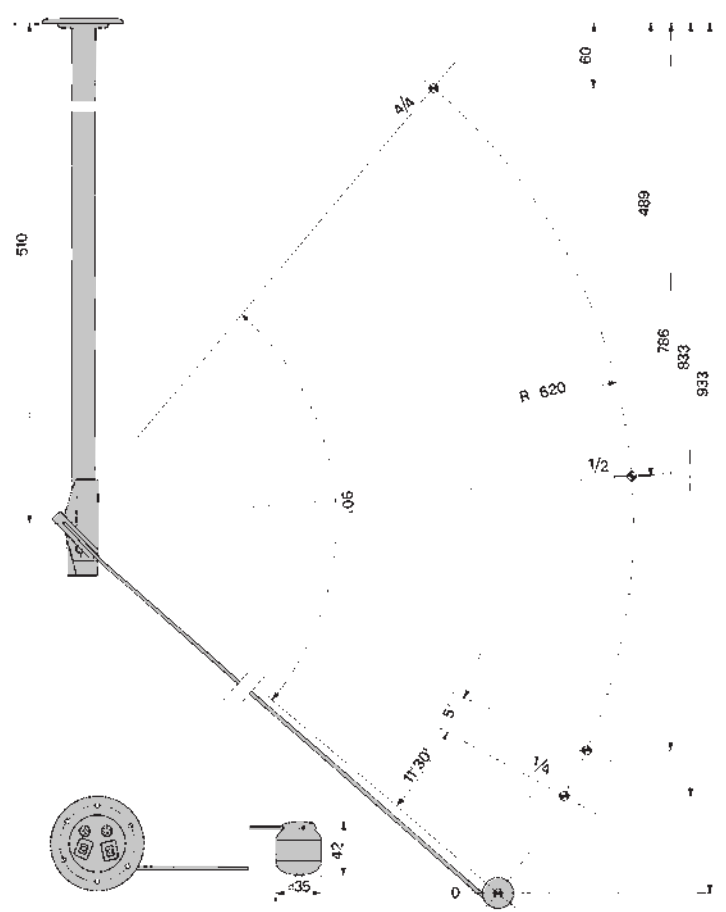
Optional: 27.0905.0000
CONNECTION KIT



29.131.000

①=3 ②=1 ③=1

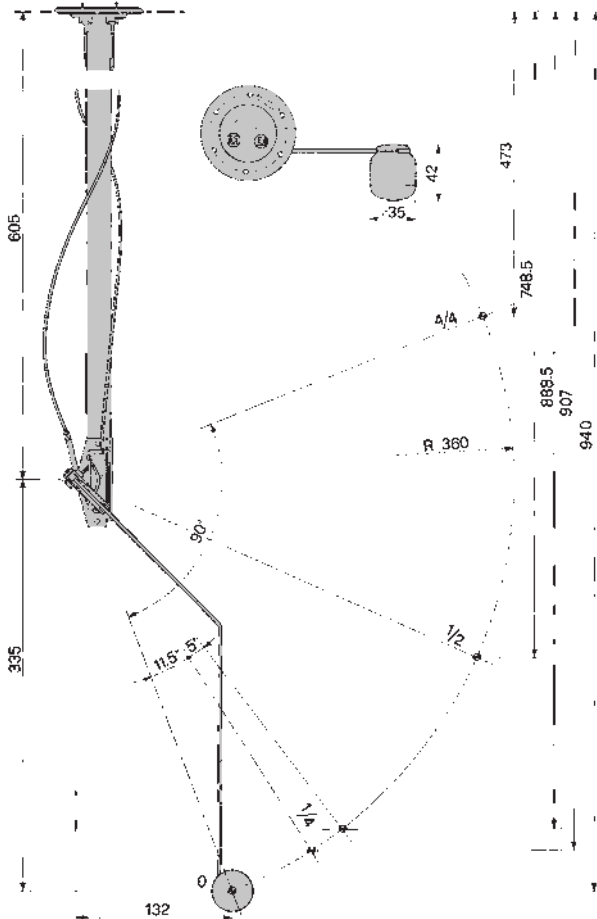
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.248.000

①=2 ②=1 ③=1

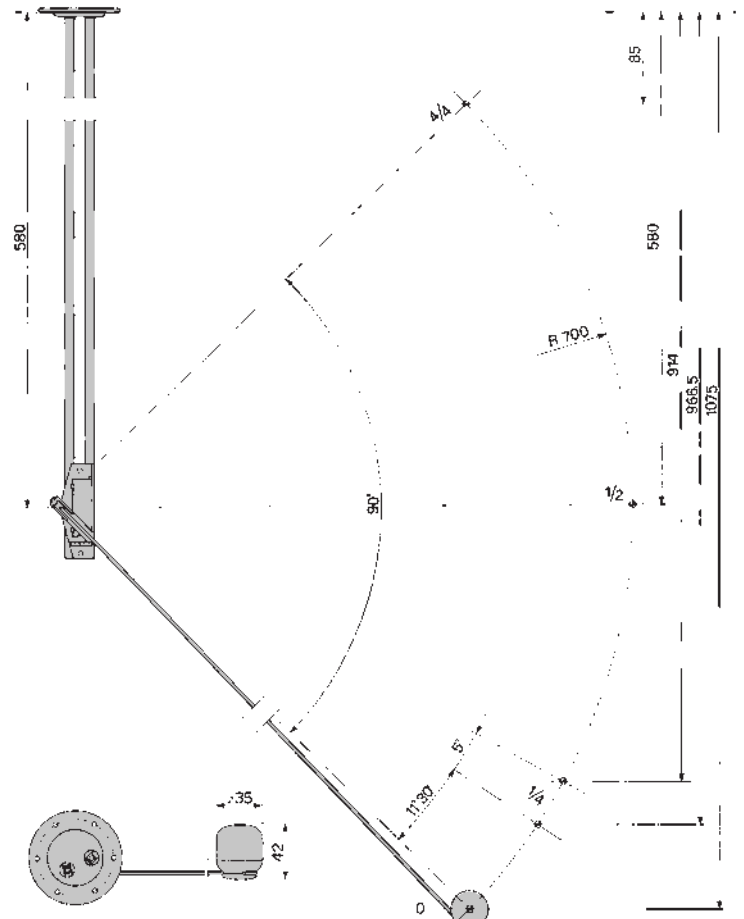
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.172.000

①=3 ②=1 ③=1

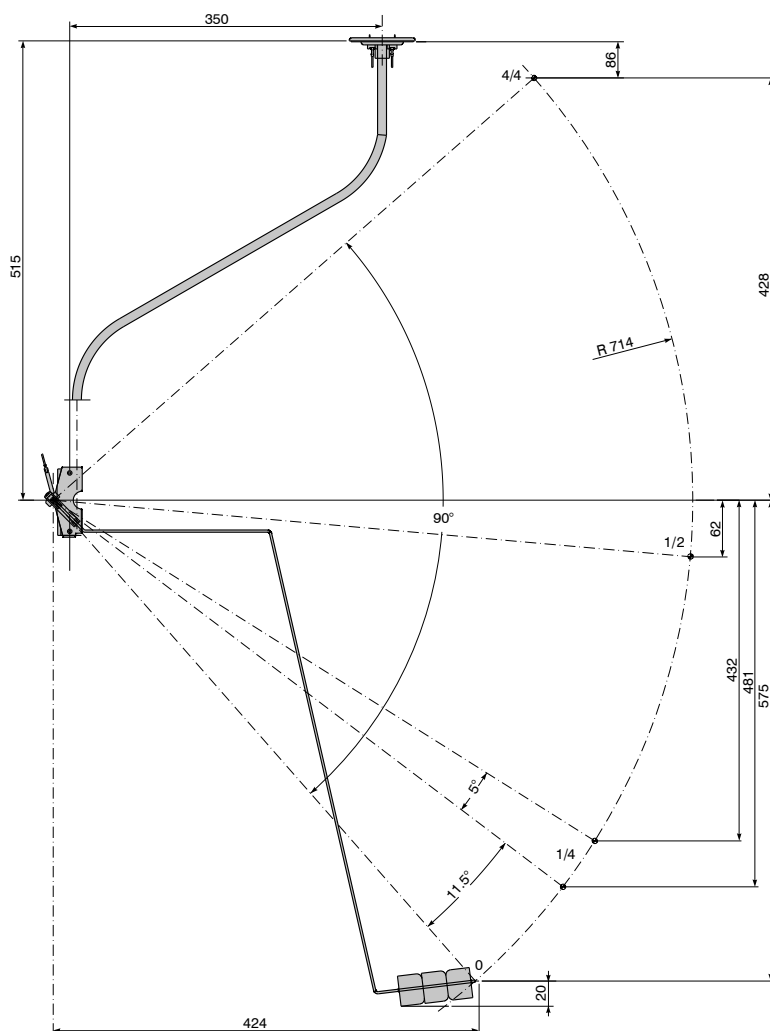
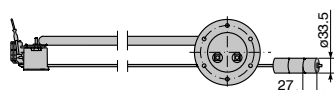
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0490.0000

①=1 ②=1 ③=1

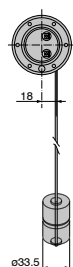
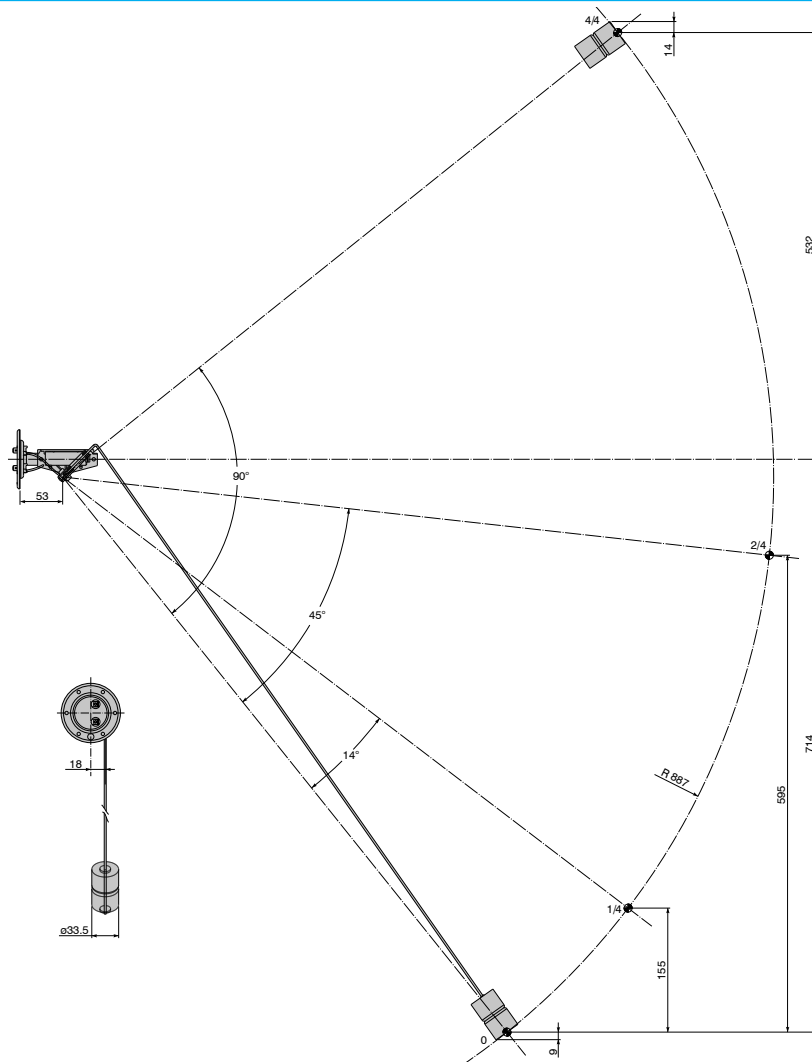
Optional: 30.16.02312 connectors
30.17.02178 terminals



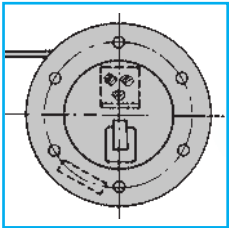
29.0612.0000

①=4 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals



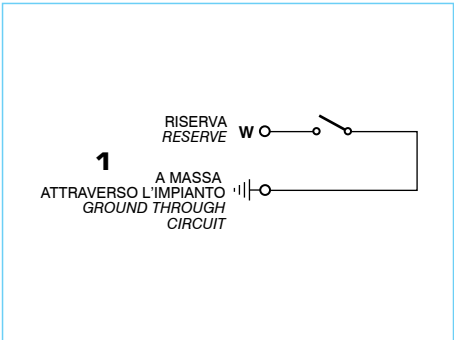
- **Comandi livello carburante con corpo in acciaio**
- **Steel fuel level senders**



Tubi - Pipes n°0



① = schema elettrico - wiring diagram

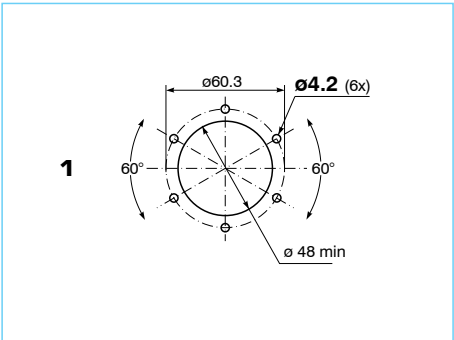


⓪ = tabella valore ohmico - ohmic value table

1

0	1/4	1/2	4/4
ON	ON	OFF	OFF

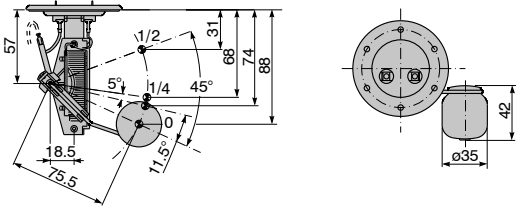
⓪ = foratura - fixing hole



29.0499.0000

①=1 ⓪=1 ⓪=1

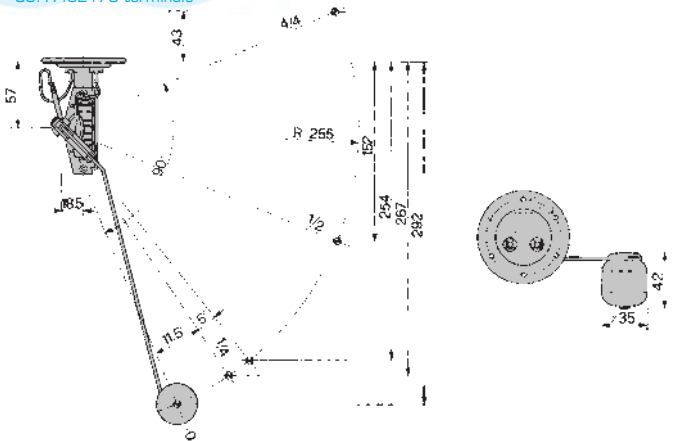
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.242.000

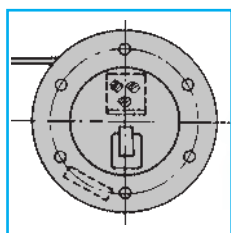
①=1 ⓪=1 ⓪=1

Optional: 30.16.02312 connectors
30.17.02178 terminals



- **Comandi livello carburante con corpo in acciaio**

- **Steel fuel level senders**



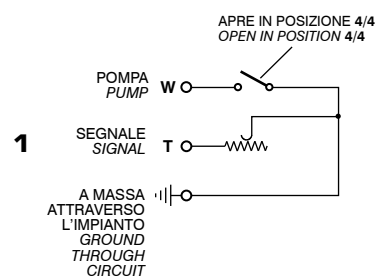
Tubi - Pipes n°0



① = schema elettrico - wiring diagram

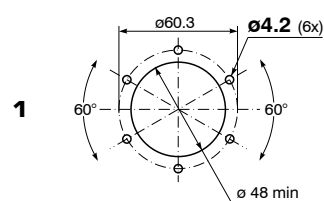
☐ = tabella valore ohmico - ohmic value table

● = foratura - fixing hole



1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7



29.0505.0000

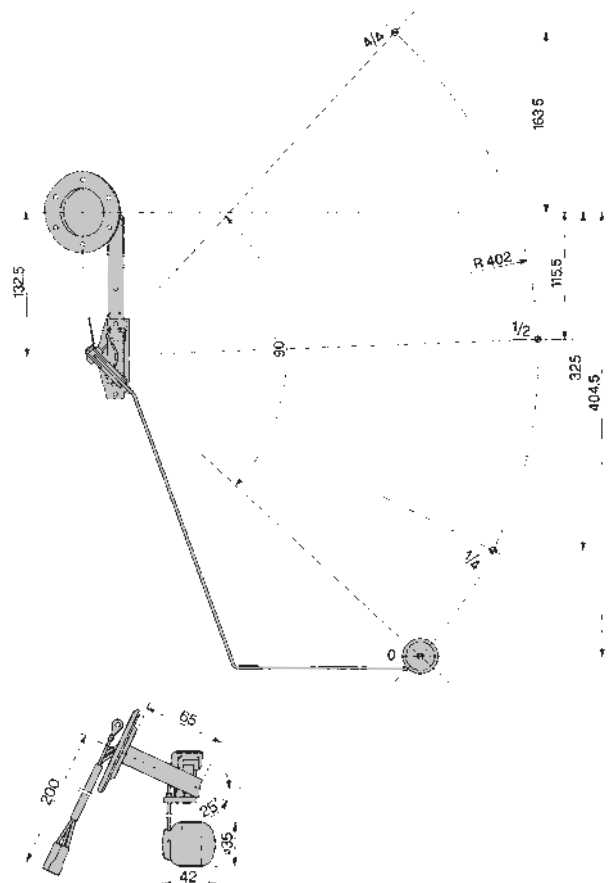
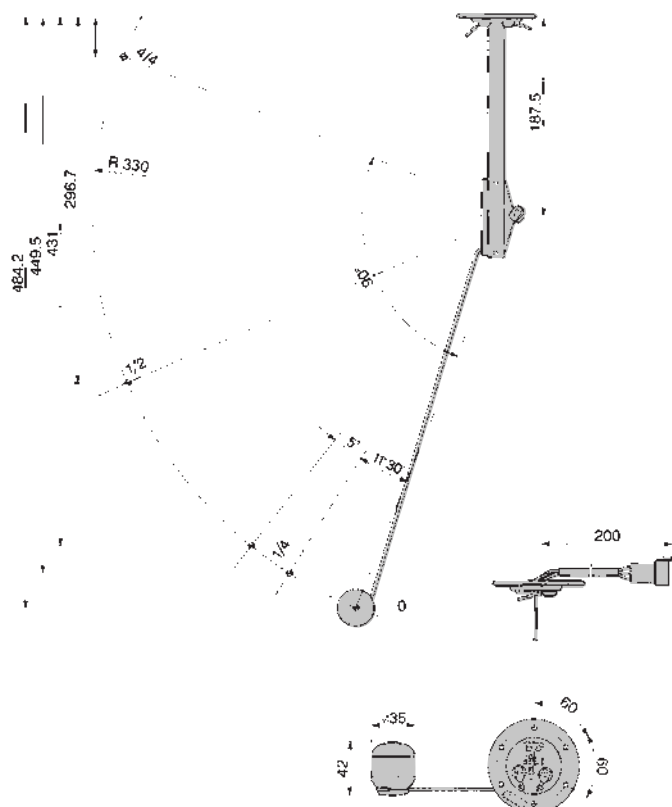
①=1 ☐=1 ●=1

Optional: 27.0908.0000
CONNECTION KIT

29.0422.0000

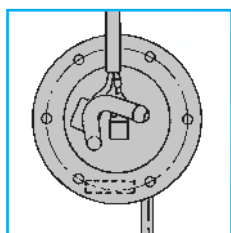
①=1 ☐=1 ●=1

Optional: 30.16.02714 connectors
30.17.02178 terminals



- **Comandi livello carburante con corpo in acciaio**

- **Steel fuel level senders**



Tubi - Pipes n°1

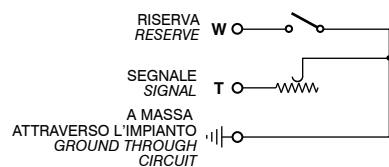


① = schema elettrico - wiring diagram

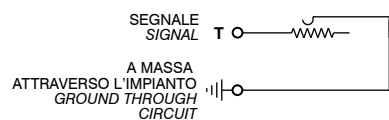
⊖ = tabella valore ohmico - ohmic value table

⊖ = foratura - fixing hole

1



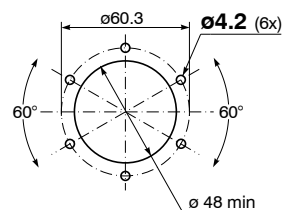
2



1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

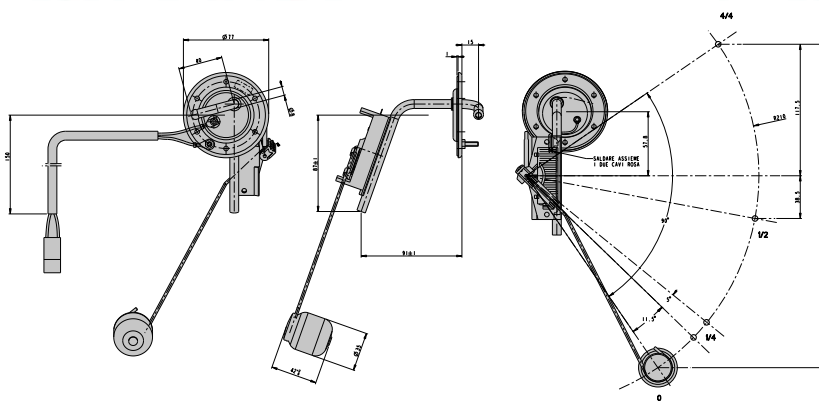
1



29.302.000

①=2 ⊖=1 ⊖=1

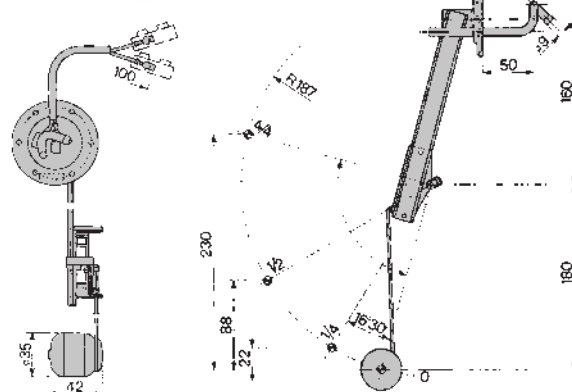
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.137.000

①=2 ⊖=1 ⊖=1

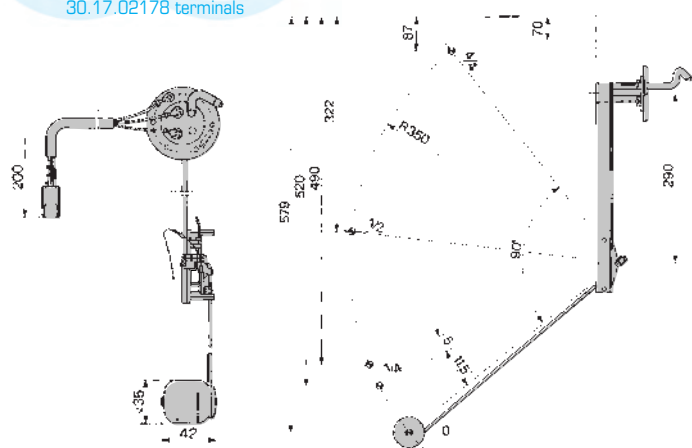
Optional: 30.17.02161 terminals



29.210.000

①=1 ⊖=1 ⊖=1

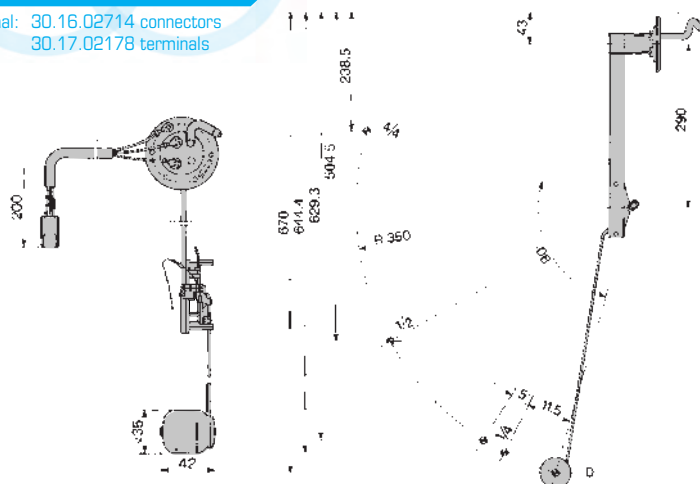
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.200.000

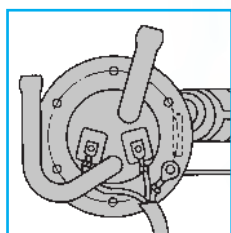
①=1 ⊖=1 ⊖=1

Optional: 30.16.02714 connectors
30.17.02178 terminals



• **Comandi livello carburante con corpo in acciaio**

• **Steel fuel level senders**



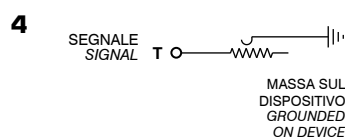
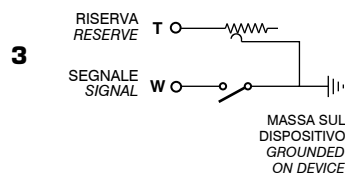
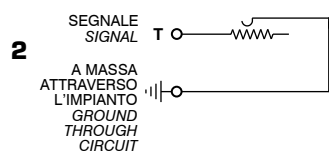
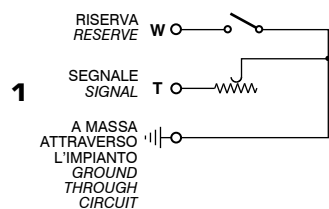
Tubi - Pipes n°2



① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

☐ = foratura - fixing hole



1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

2

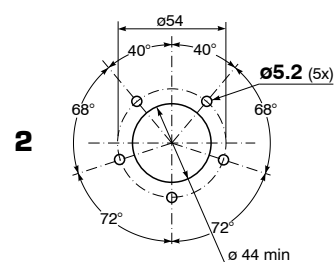
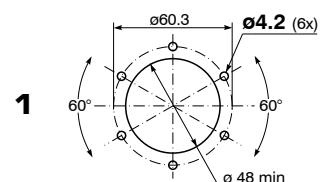
0	1/4	1/2	3/4	4/4
0 - 7	33 - 41	67 - 83	-	175 - 215

3

0	1/4	1/2	3/4	4/4
230 - 260	170 ± 1	98 ± 10	50 ± 1	0 - 7

4

0	1/4	1/2	3/4	4/4
163 ± 10	-	58 ± 5	-	4 ± 2



29.0468.0000

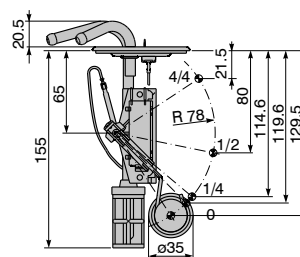
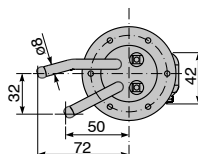
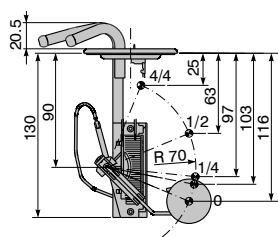
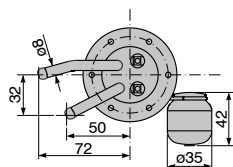
①=3 ☐=1 ☐=1

Optional: 30.16.02312 connectors
30.17.02178 terminals

29.374.000

①=3 ☐=1 ☐=1

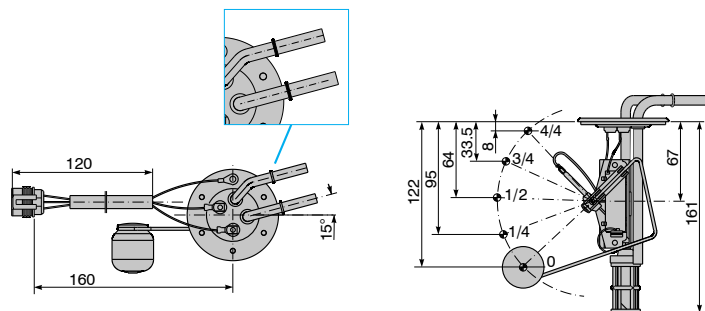
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.413.000

①=1 ②=3 ③=1

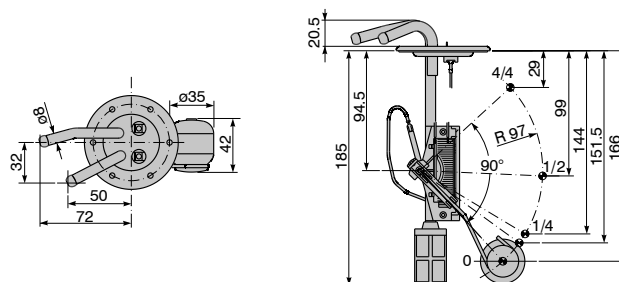
Optional: 30.16.05801 connectors
30.16.05109 gommino
30.17.05802 terminals



29.405.000

①=3 ②=1 ③=1

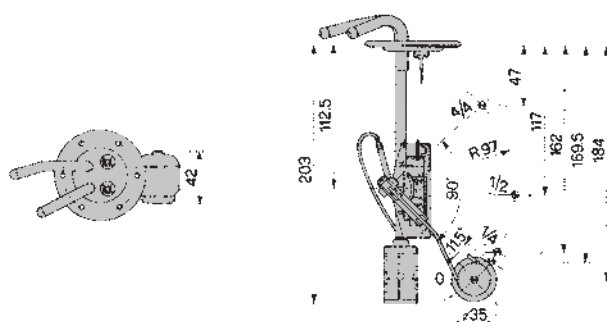
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.269.000

①=3 ②=1 ③=1

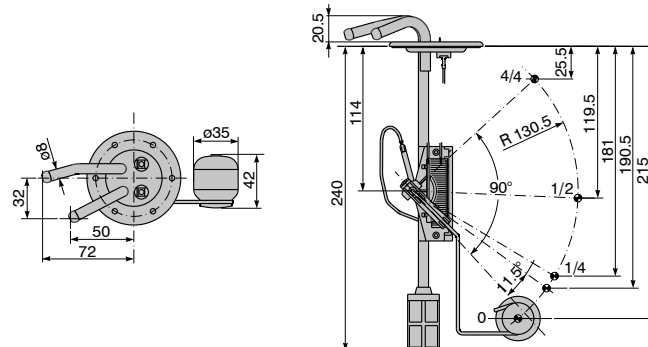
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.370.000

①=3 ②=1 ③=1

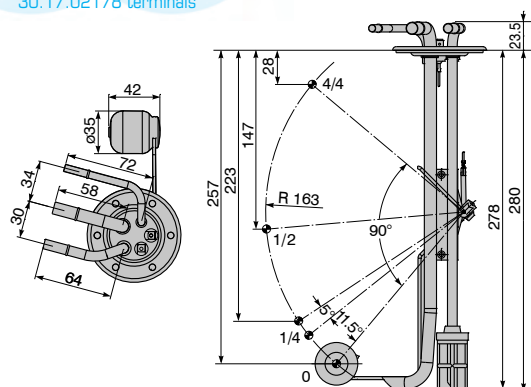
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0624.0000

①=1 ②=1 ③=1

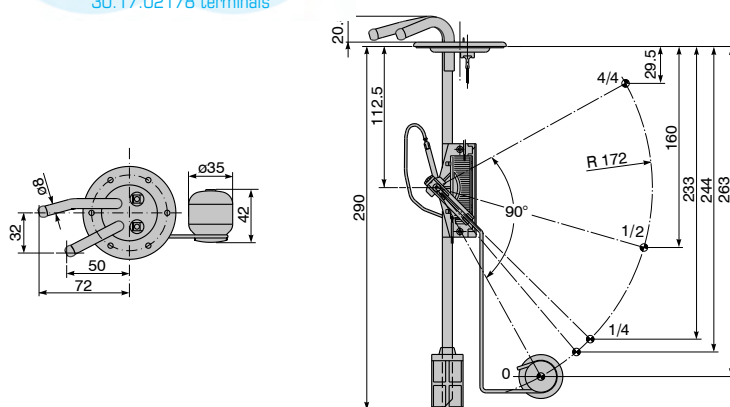
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0622.0000

①=3 ②=1 ③=1

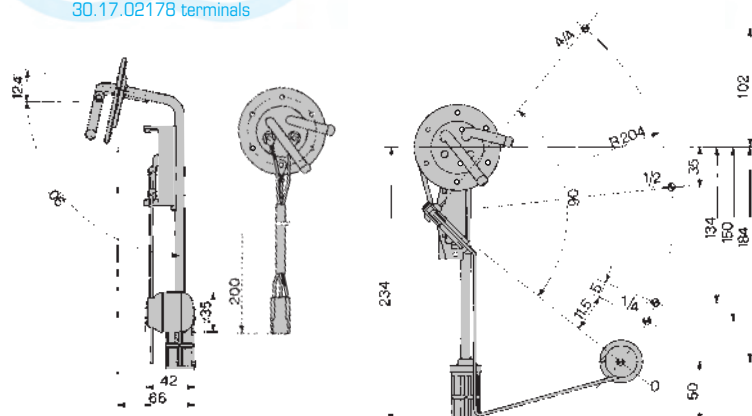
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.298.000

①=1 ②=1 ③=1

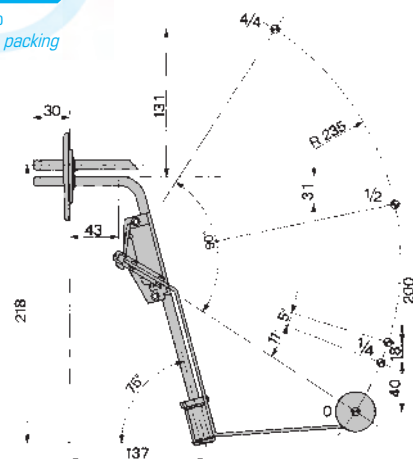
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.125.000

①=1 ②=1 ③=1

Giunti di connessione a corredo
Connectors supplied inside the packing



$\text{⓪}=1$ $\text{Ⓛ}=1$ $\text{Ⓜ}=1$

[illegible]

 = 2
 = 1
 = 1

Technical drawings of a 30.13.03343 connector. The left side shows a side view of the connector with a circular base and a vertical shaft. The right side shows a top view of the connector with a circular base and a vertical shaft. Dimensions are provided for both views.

=1 =1 =1

Optional: 27.0905.0000
CONNECTION KIT

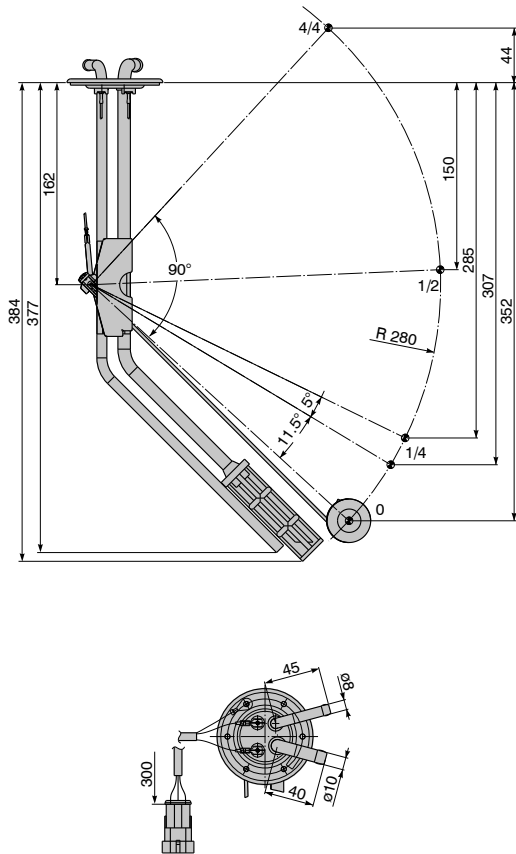
⊕=4 ⊖=1 ∞=2

$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{Ⓢ}=1$

29.0361.0000

①=1 ②=1 ③=1

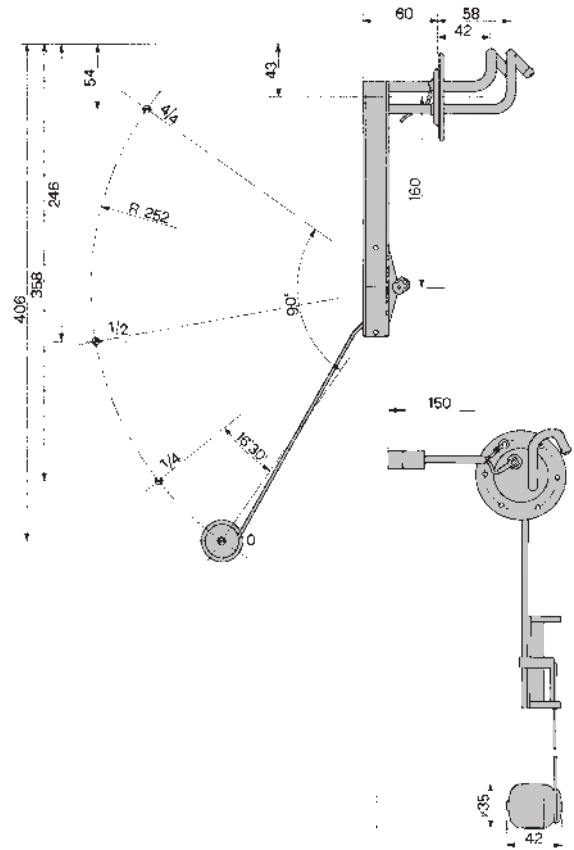
Optional: 29.0905.0000 connection kit



29.090.000

①=2 ②=1 ③=1

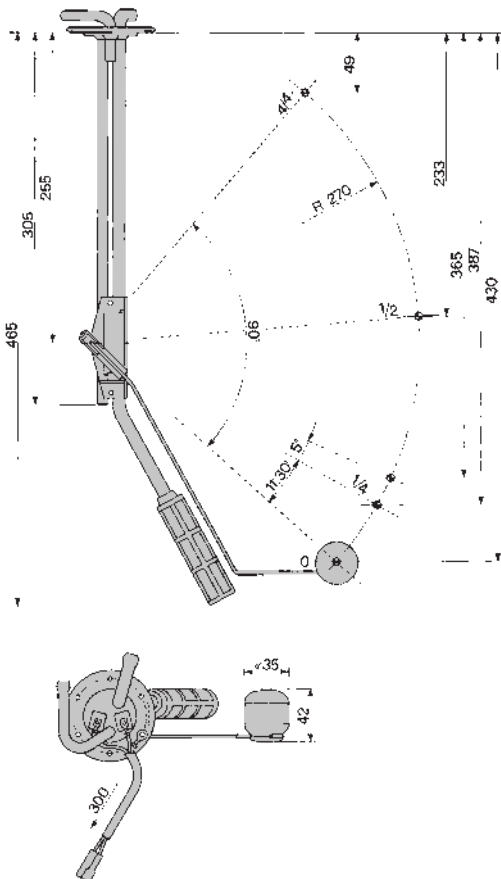
Optional: 30.16.03343 connectors
30.17.02178 terminals



29.123.000

①=1 ②=1 ③=1

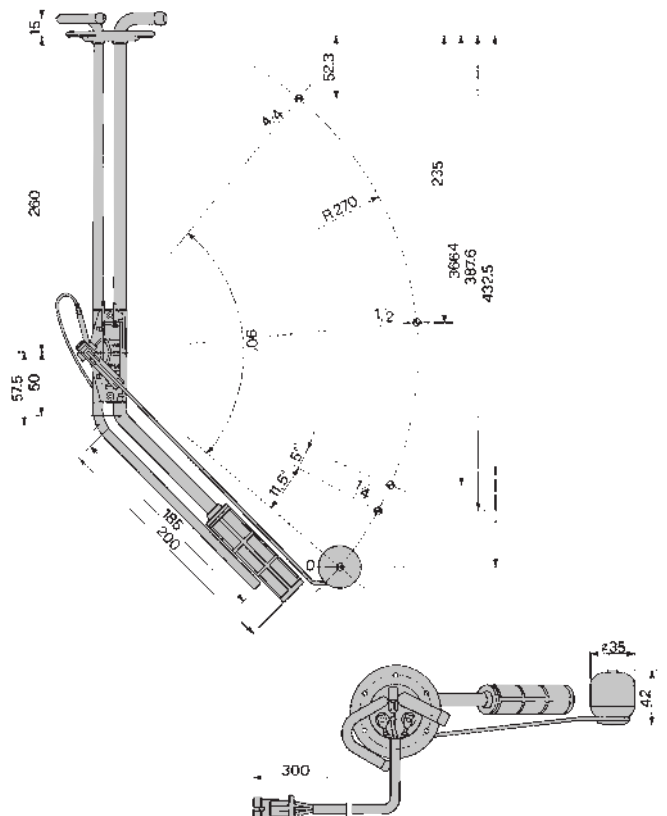
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.227.000

①=1 ②=4 ③=1

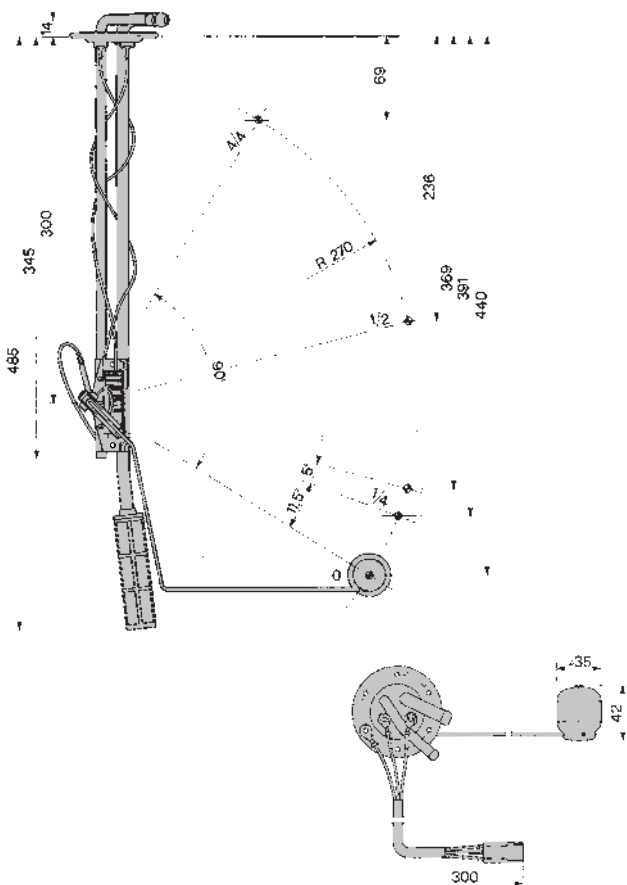
Optional: 27.0905.0000
CONNECTION KIT



29.305.000

①=1 ②=1 ③=1

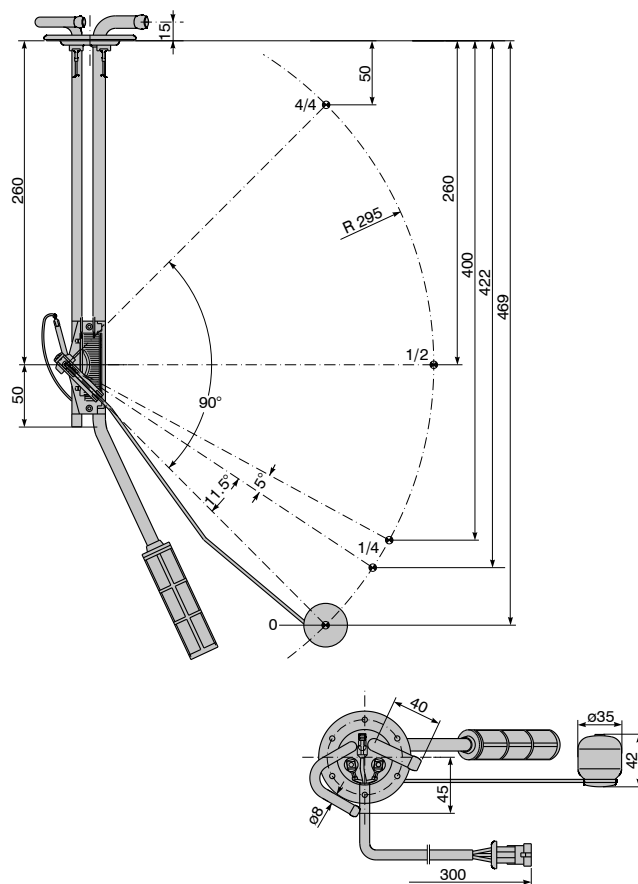
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.415.000

①=1 ②=4 ③=1

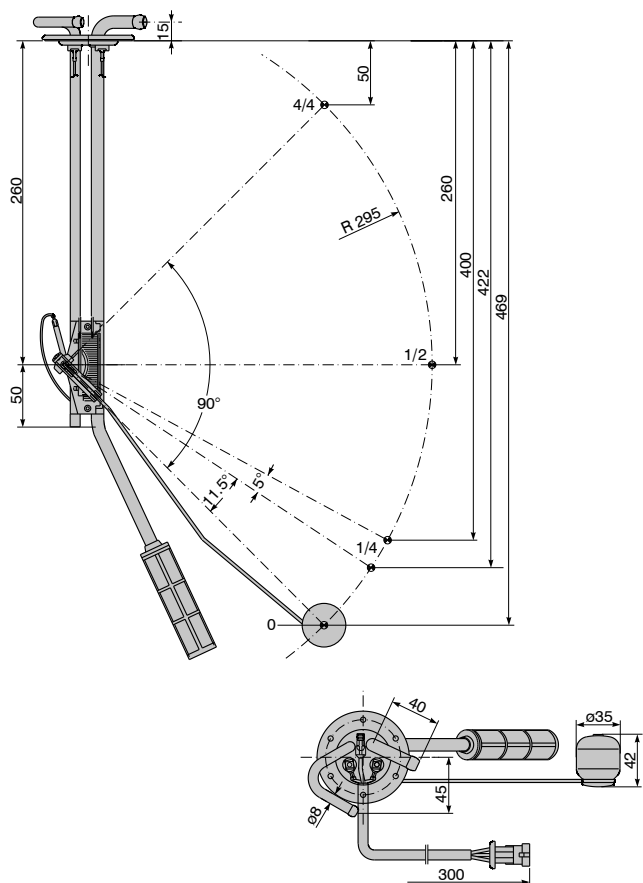
Optional: 27.0905.0000
CONNECTION KIT



29.0583.0000

①=1 ②=1 ③=1

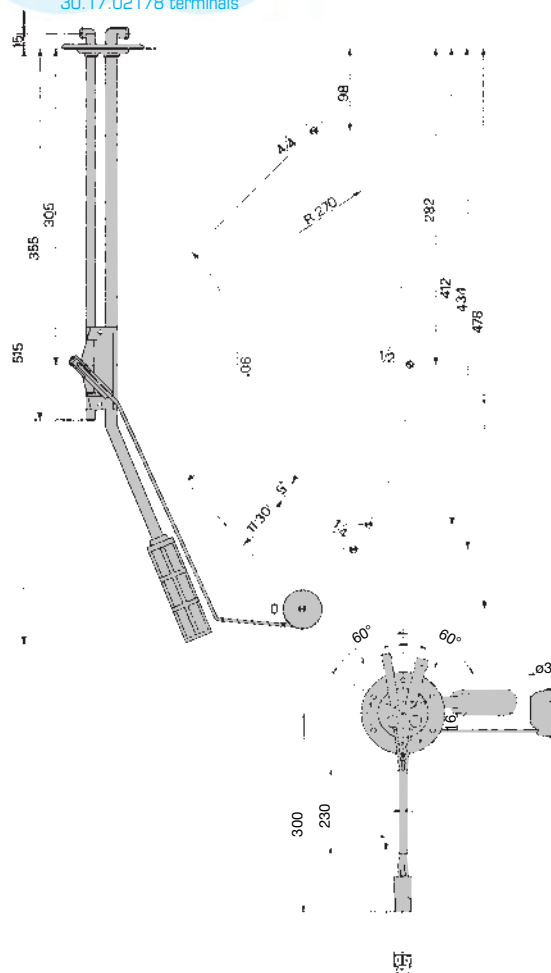
Optional: 29.0905.0000 connection kit



29.124.000

①=1 ②=1 ③=1

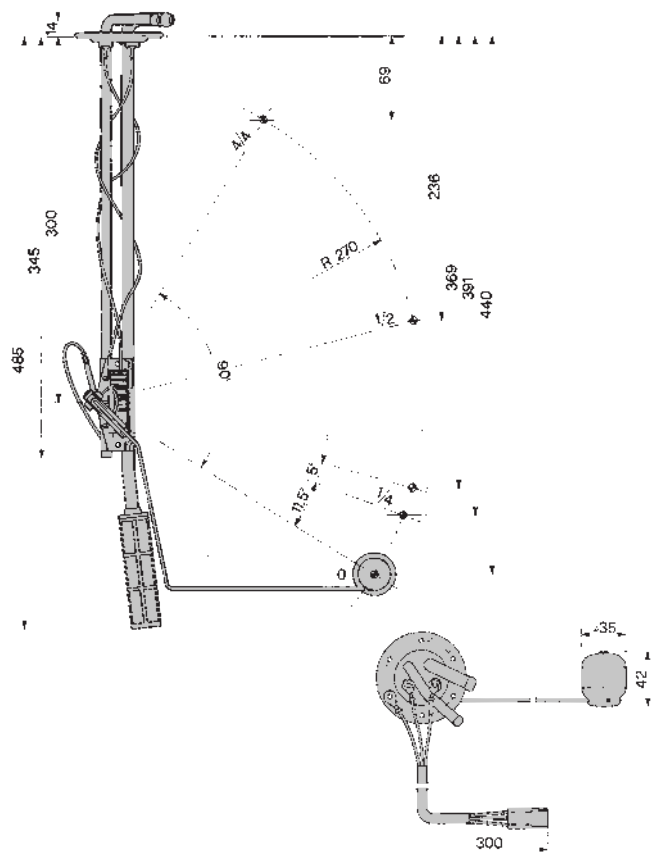
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.243.000

①=1 ②=2 ③=1

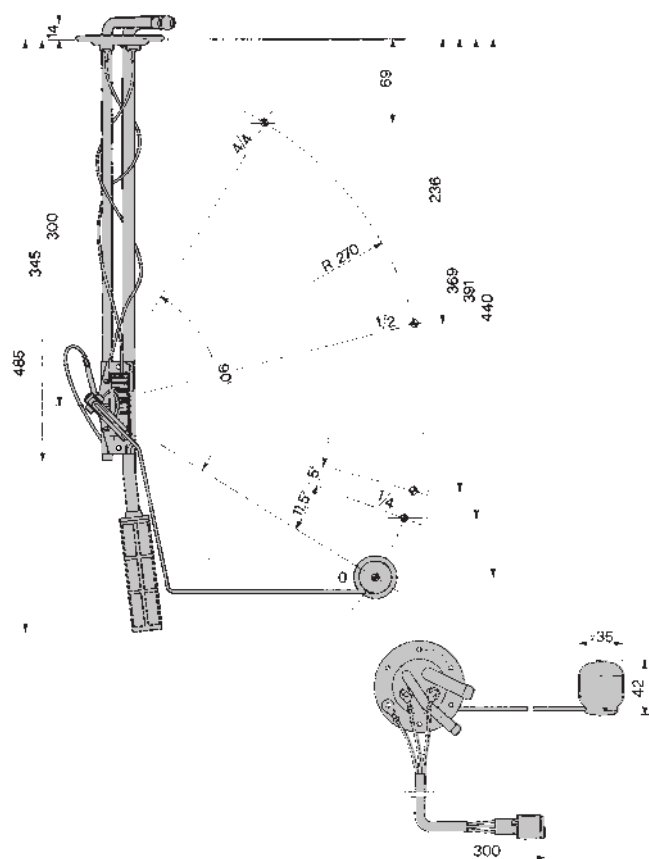
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.396.000

①=1 ②=2 ③=1

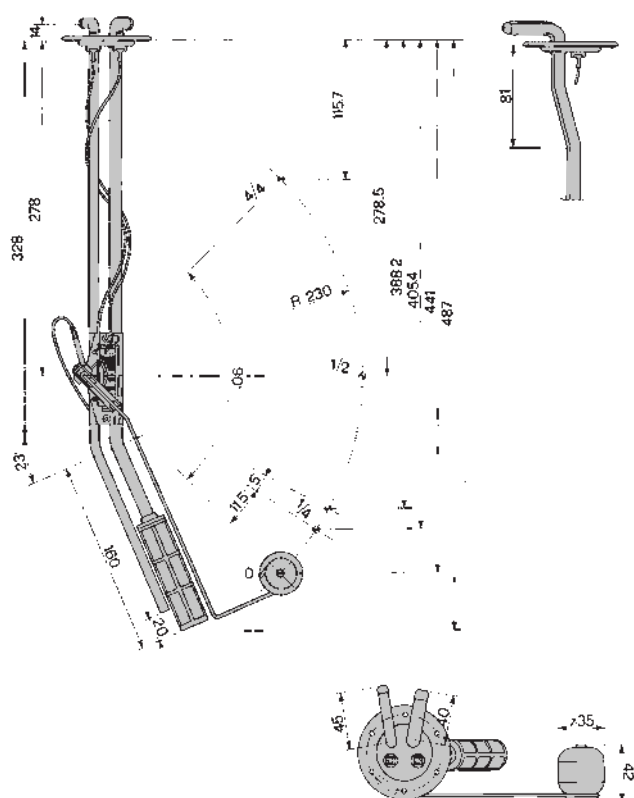
Optional: 30.16.04975 connectors
30.17.04270 terminals



29.199.000

①=3 ②=1 ③=1

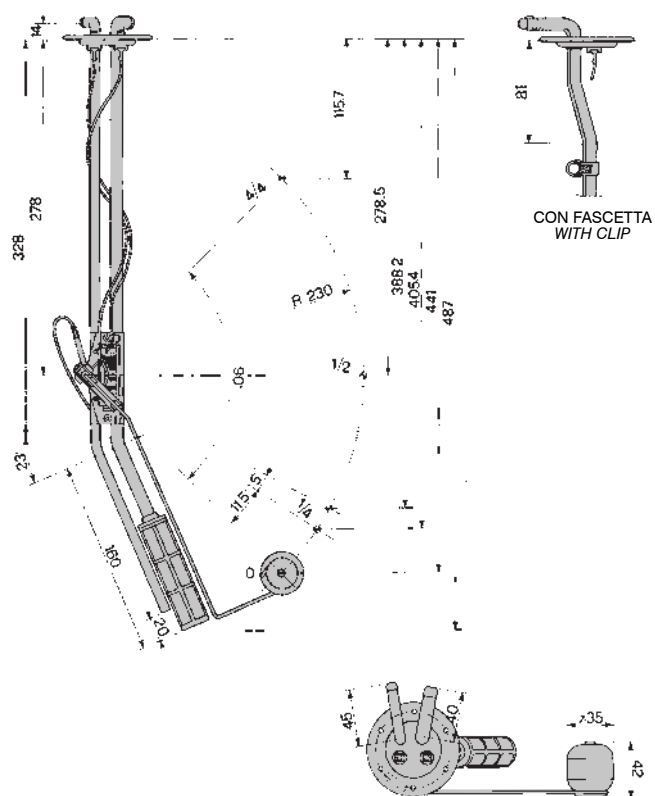
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.271.000

①=3 ②=1 ③=1

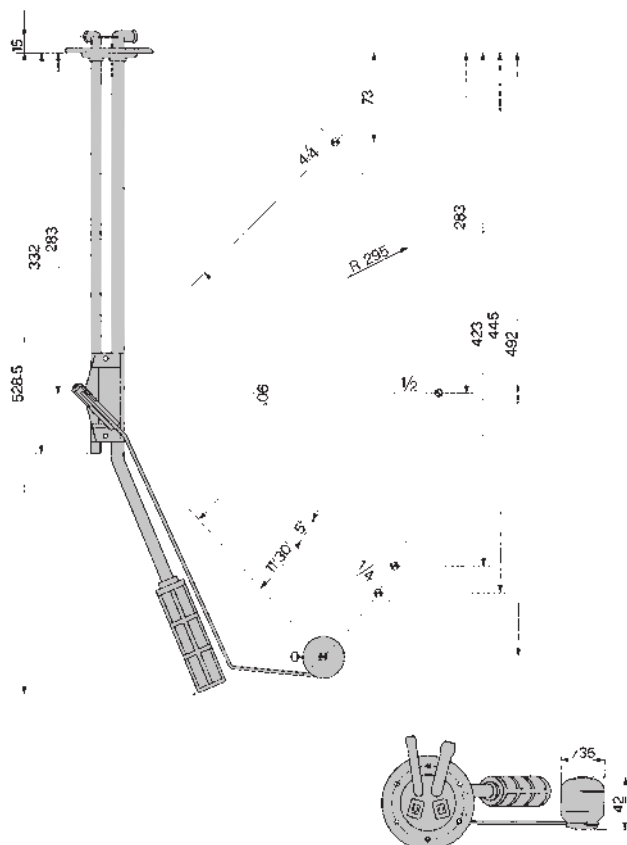
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.140.000

①=3 ②=1 ③=1

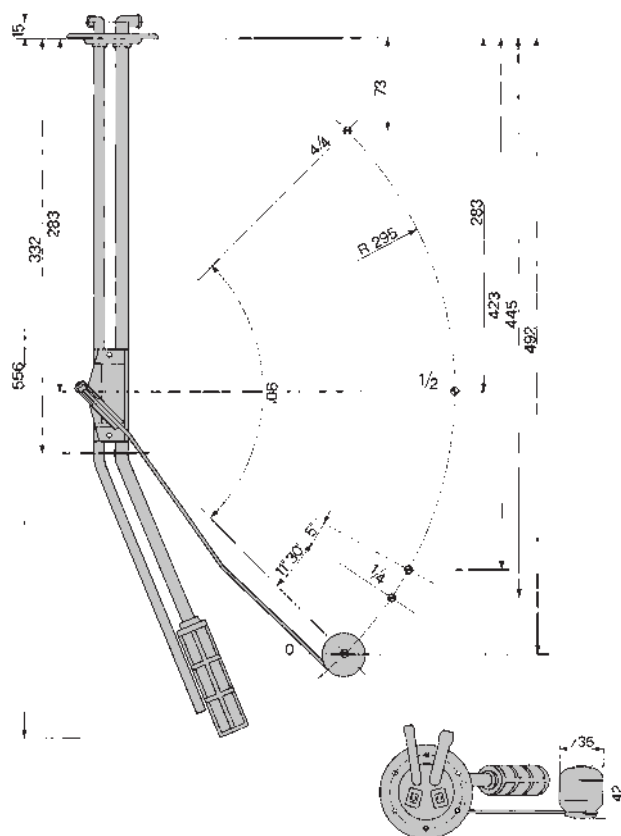
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.133.000

①=3 ②=1 ③=1

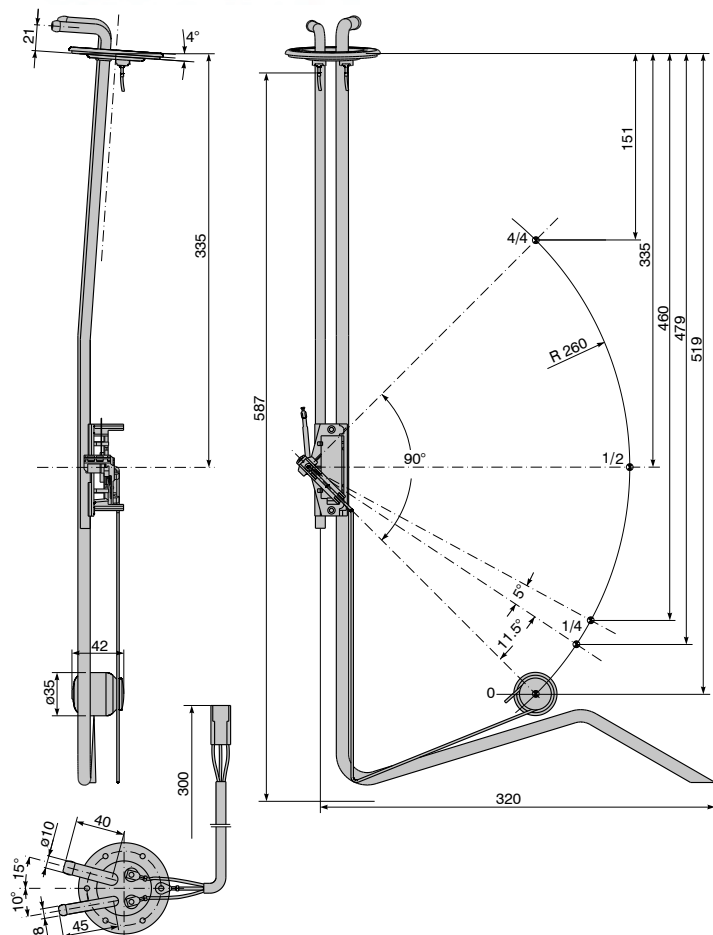
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.0491.0000

①=1 ②=1 ③=1

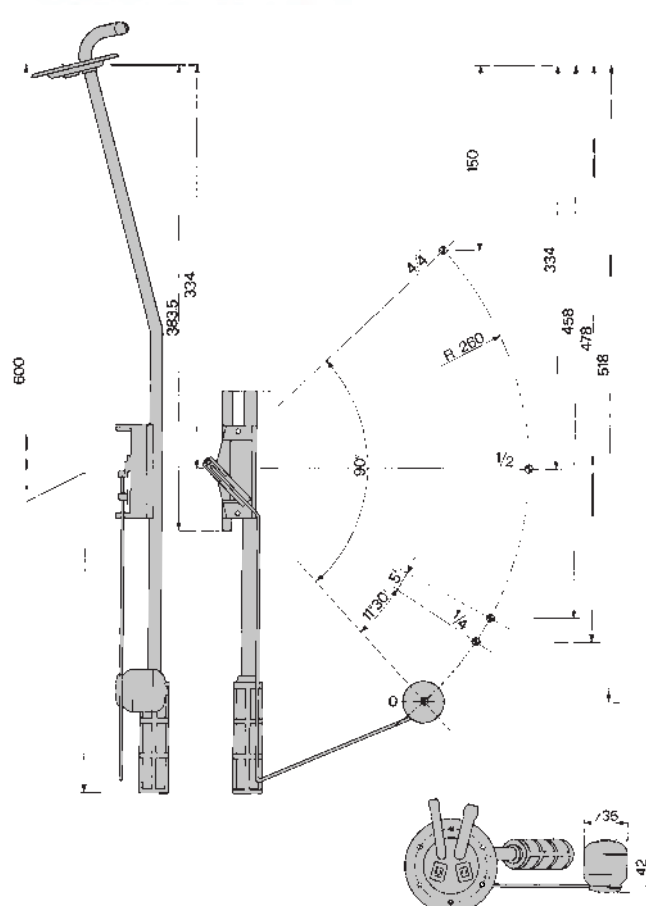
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.134.000

①=3 ②=1 ③=1

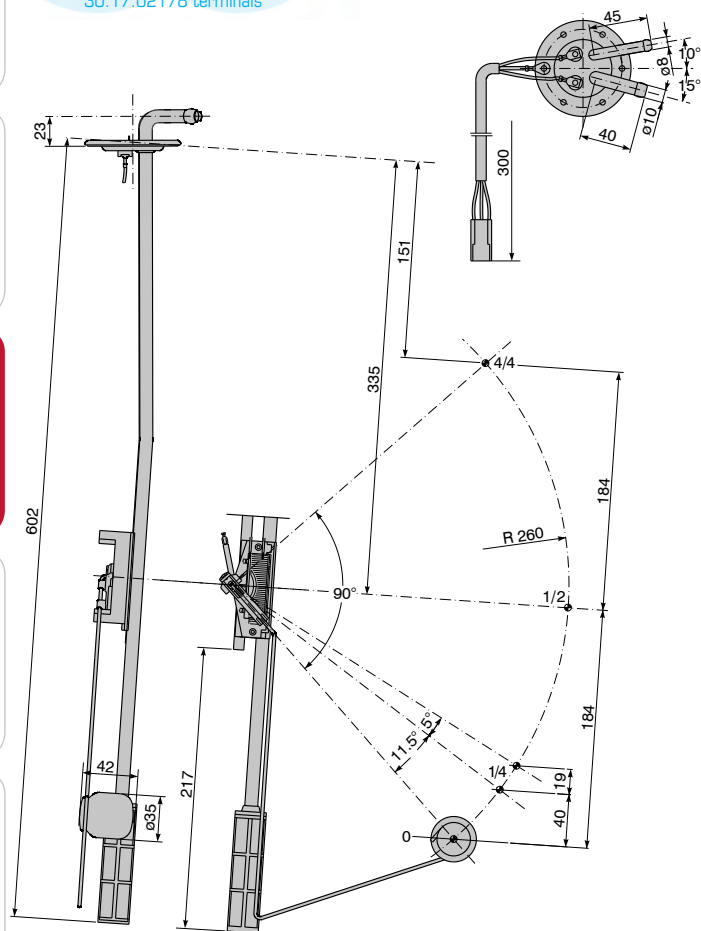
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.311.000

①=1 ②=1 ③=1

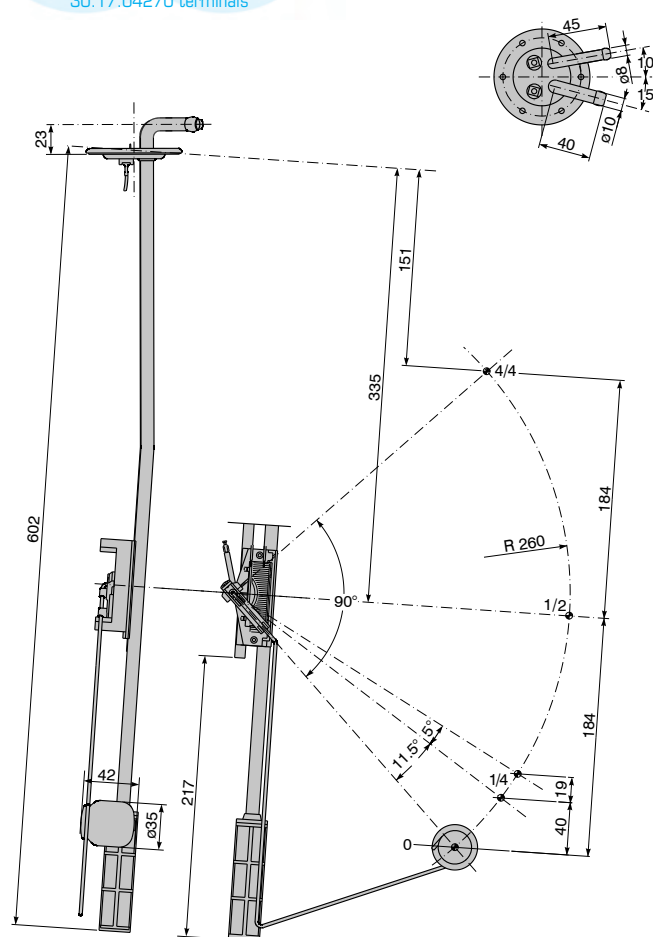
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.288.000

①=3 ②=1 ③=1

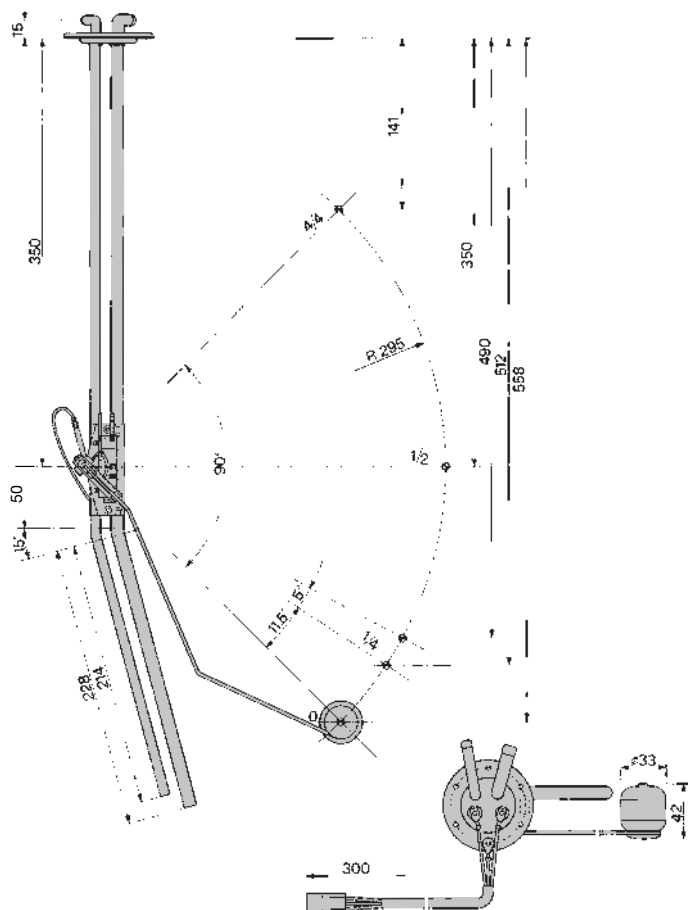
Optional: 30.16.02312 connectors
30.17.04270 terminals



29.209.000

①=1 ②=1 ③=1

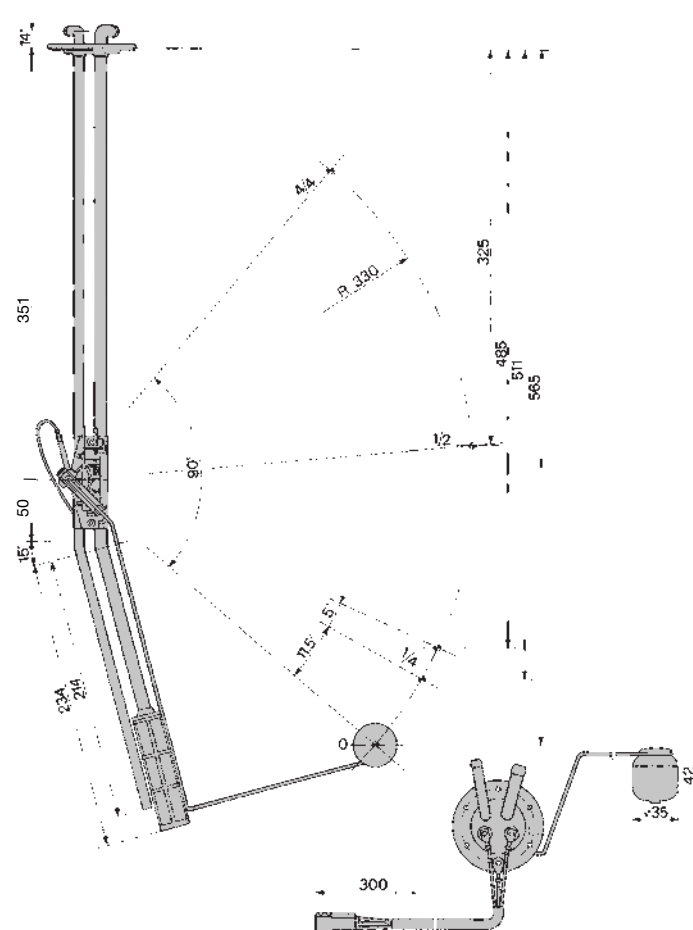
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.274.000

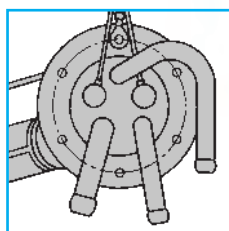
①=1 ②=1 ③=1

Optional: 30.16.02714 connectors
30.17.02178 terminals



- **Comandi livello carburante con corpo in acciaio**

- **Steel fuel level senders**



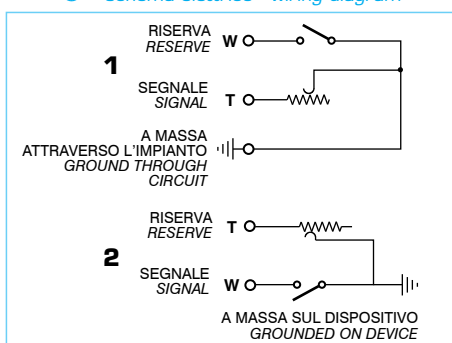
Tubi - Pipes n°3



① = schema elettrico - wiring diagram

⊖ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole



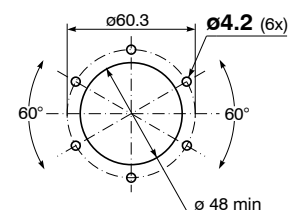
1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

2

0	1/4	1/2	3/4	4/4
0 - 7	33 - 41	67 - 83	-	175 - 215

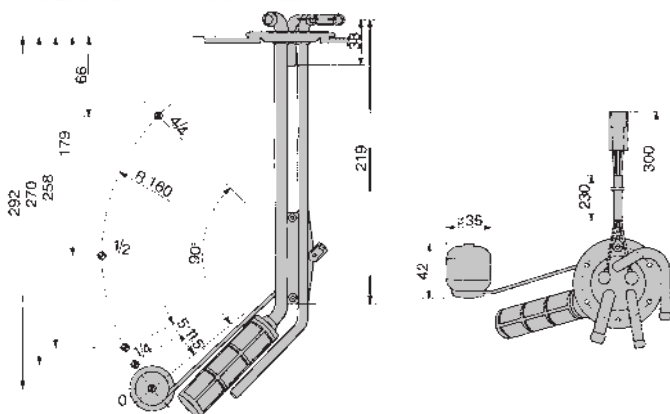
1



29.0463.0000

①=1 ⊖=1 ⬢=1

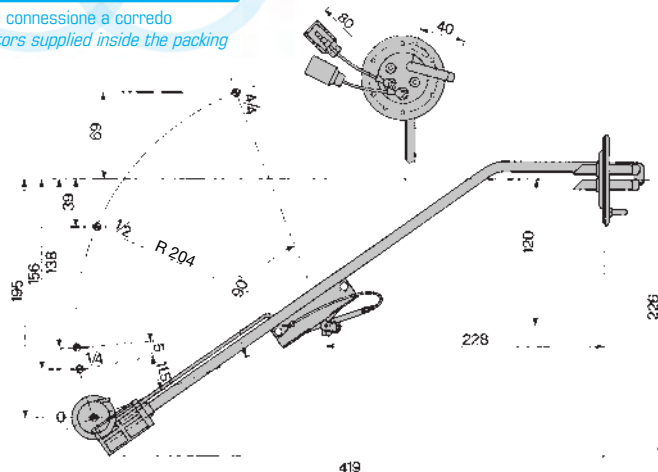
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.259.000

①=2 ⊖=1 ⬢=1

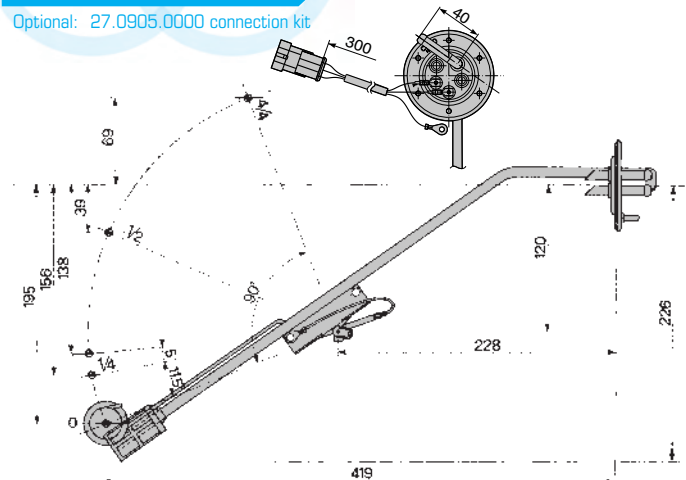
Giunti di connessione a corredo
Connectors supplied inside the packing



29.0600.0000

①=2 ⊖=1 ⬢=1

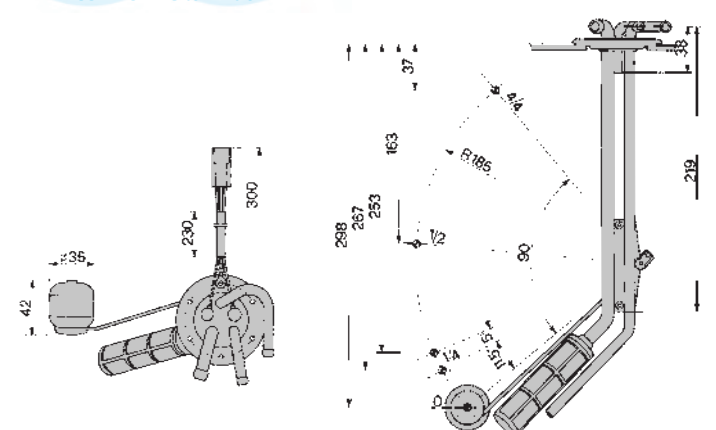
Optional: 27.0905.0000 connection kit



29.179.000

①=1 ⊖=1 ⬢=1

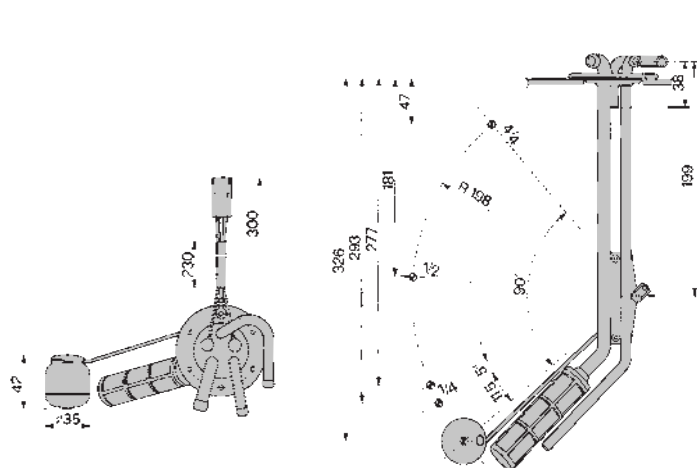
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.180.000

①=1 ②=1 ③=1

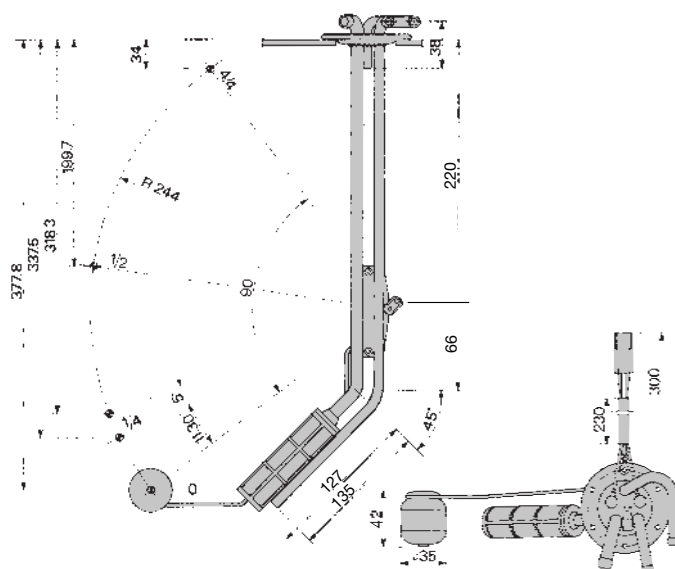
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.214.000

①=1 ②=1 ③=1

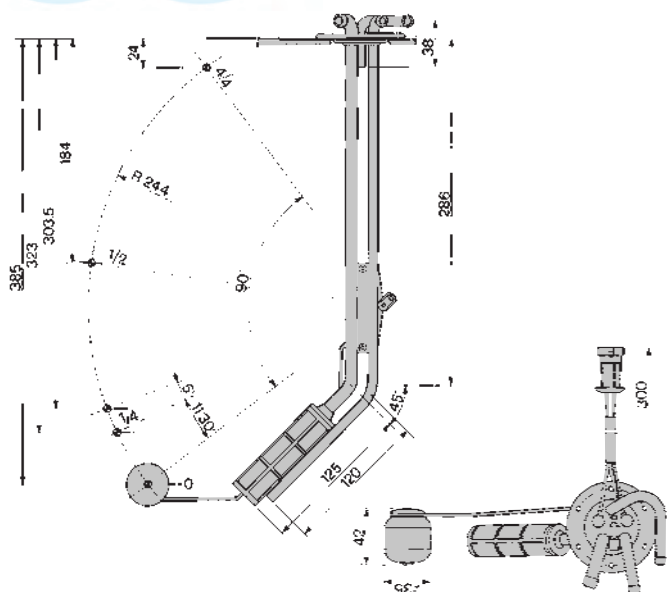
Optional: 30.16.02714 connectors
30.17.02178 terminals



29.230.000

①=1 ②=1 ③=1

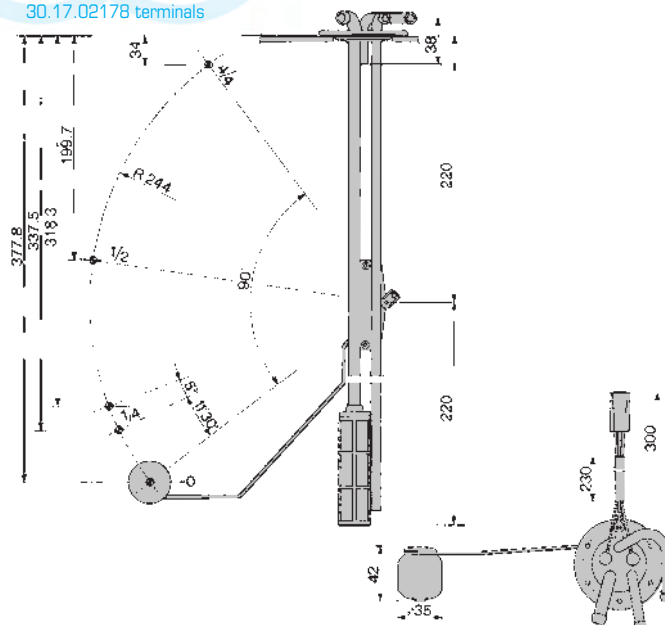
Optional: 27.0905.0000
CONNECTION KIT



29.0437.0000

①=2 ②=2 ③=1

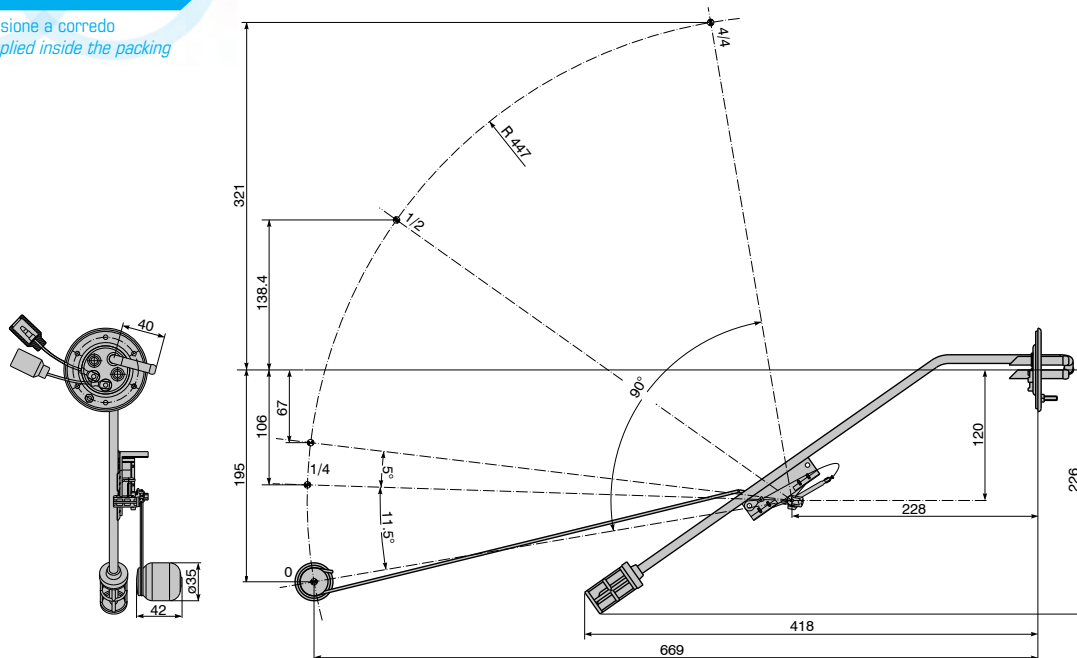
Optional: 30.16.02714 connectors
30.17.02178 terminals



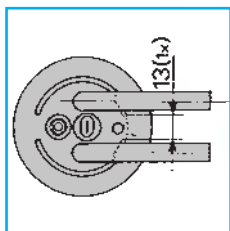
29.0588.0000

①=1 ②=1 ③=1

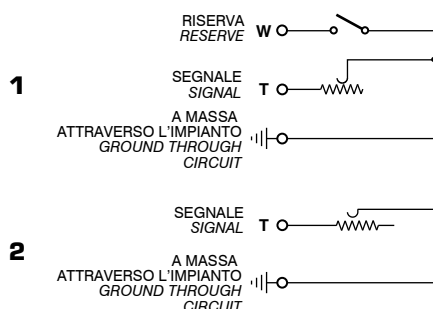
Giunti di connessione a corredo
Connectors supplied inside the packing



-



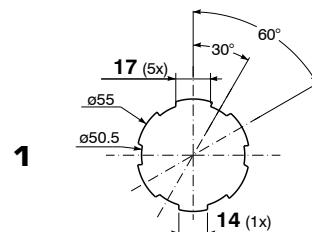
Ⓢ = schema elettrico - *wiring diagram*



 = tabella valore òhmico - *òhmic value table*

1	0 345 - 315	1/4 225 - 185	1/2 128 - 108	3/4 -	4/4 0 - 7
2	0 0 - 7	1/4 33 - 41	1/2 67 - 83	3/4 -	4/4 175 - 215
3	0 77 - 83	1/4 67,5 - 62,5	1/2 50 - 46	3/4 26 - 28	4/4 0 - 6
4	0 163 ± 10	1/4 -	1/2 58 ± 5	3/4 -	4/4 4 ± 2
5	0 0 - 191,6	1/4 -	1/2 -	3/4 -	4/4 0 - 10,6

 = foratura - *fixing hole*



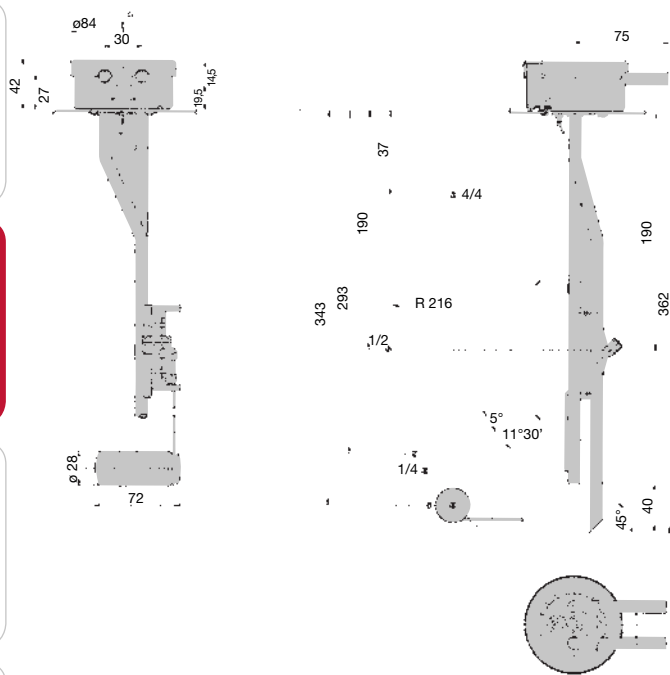
=1 =4 =1

$\text{Ⓢ}=1$ $\text{⓪}=1$ $\text{Ⓢ⓪}=1$

29.159.000

①=1 ②=1 ③=1

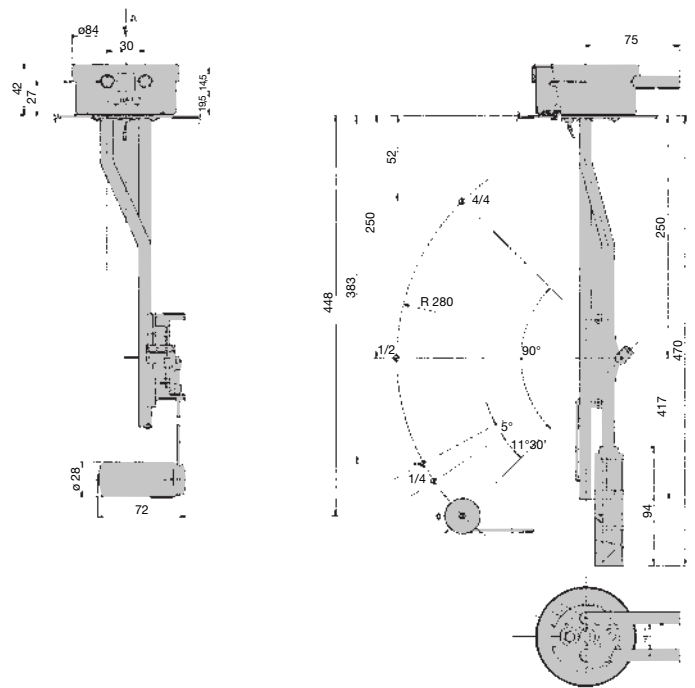
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.158.000

①=1 ②=1 ③=1

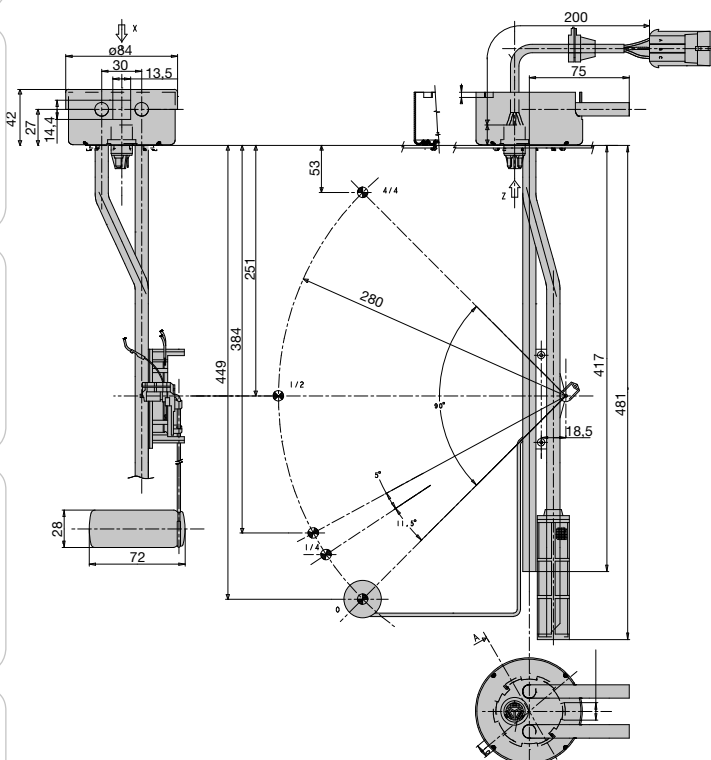
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.205.000

①=1 ②=1 ③=1

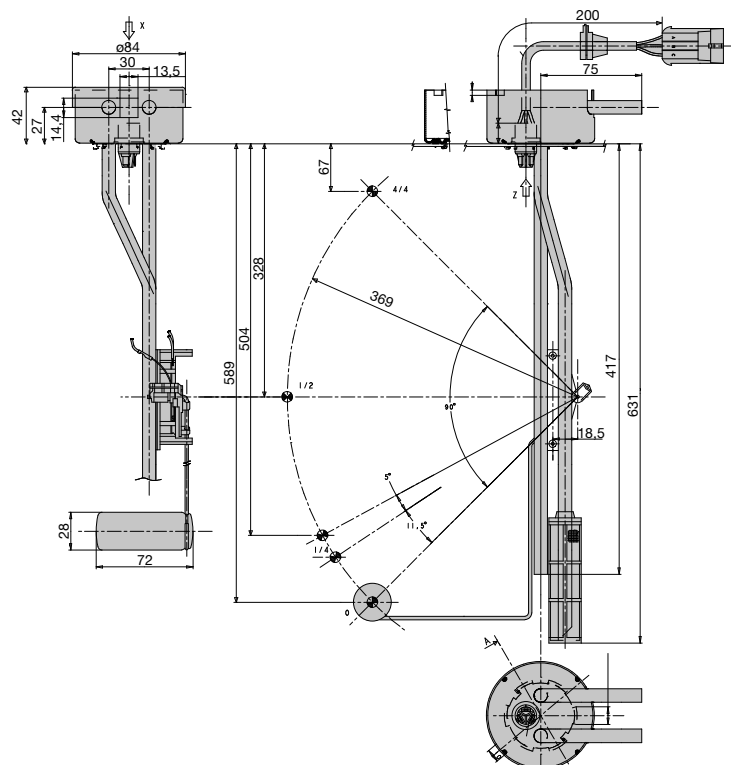
Optional: 30.16.05654 - 30.16.05186 - 30.16.05656 connectors



29.203.000

①=1 ②=1 ③=1

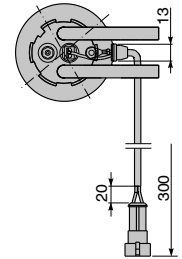
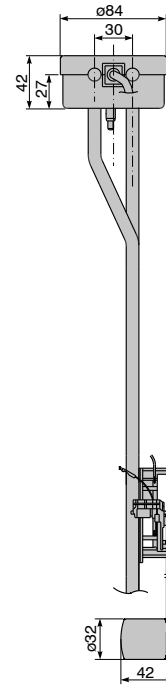
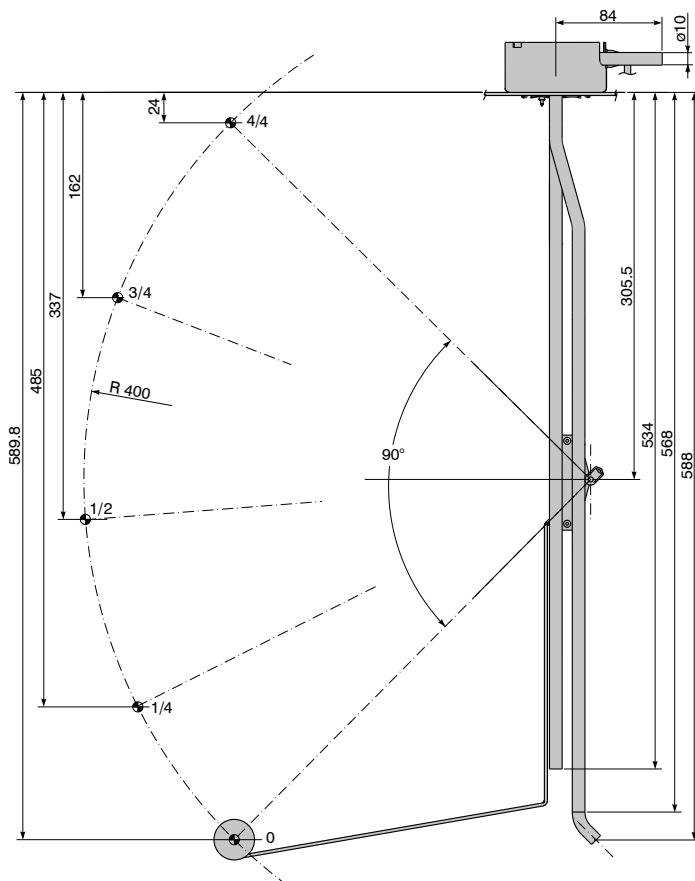
Optional: 30.16.05654 - 30.16.05186 connectors
30.17.05656 terminals



29.391.000

①=2 ②=2 ③=1

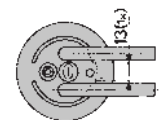
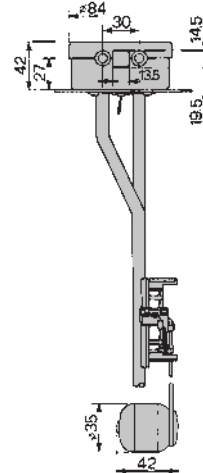
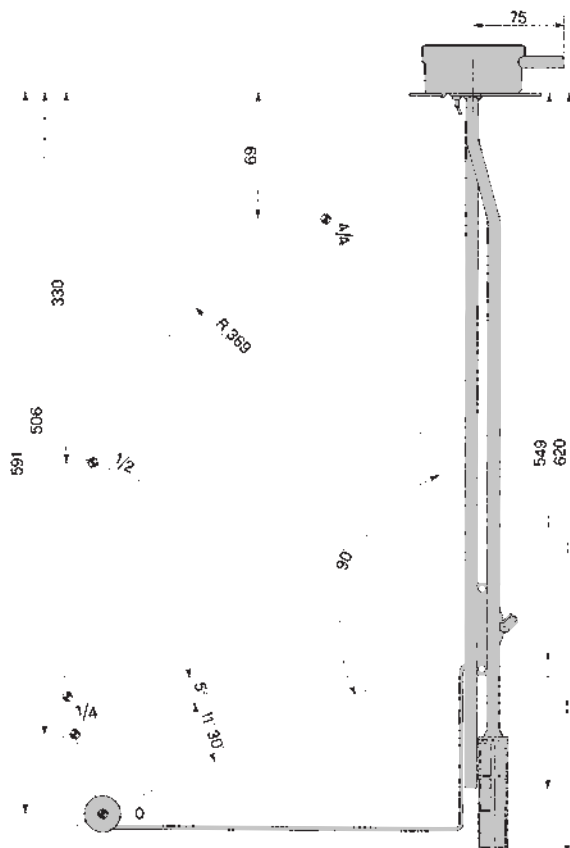
Optional: 27.0958.0000 CONNECTION KIT



29.157.000

①=1 ②=1 ③=1

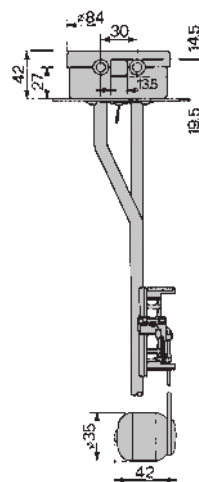
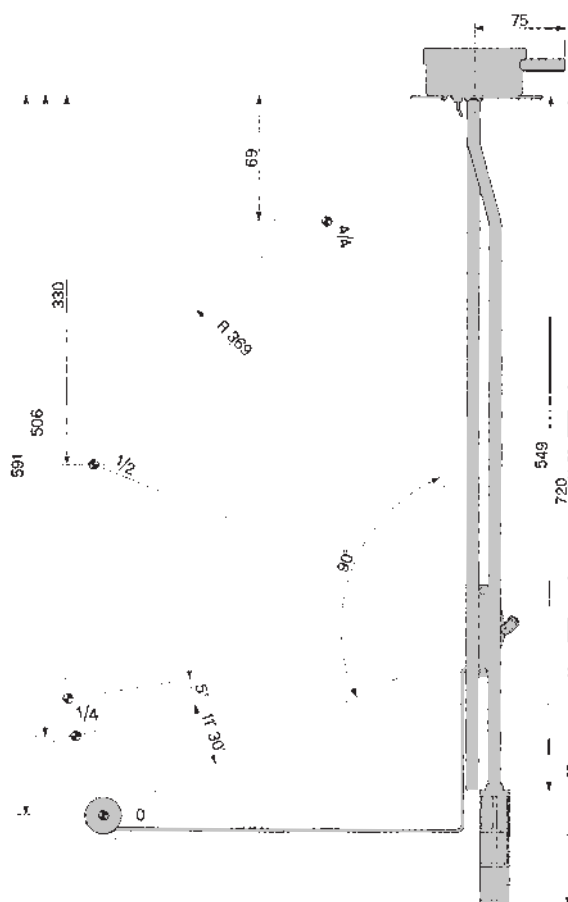
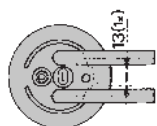
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.368.000

①=1 ○=1 ■=1

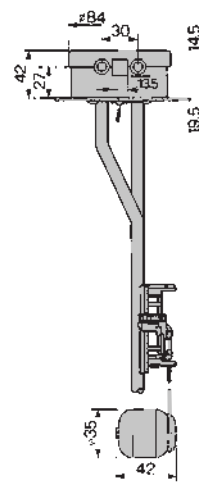
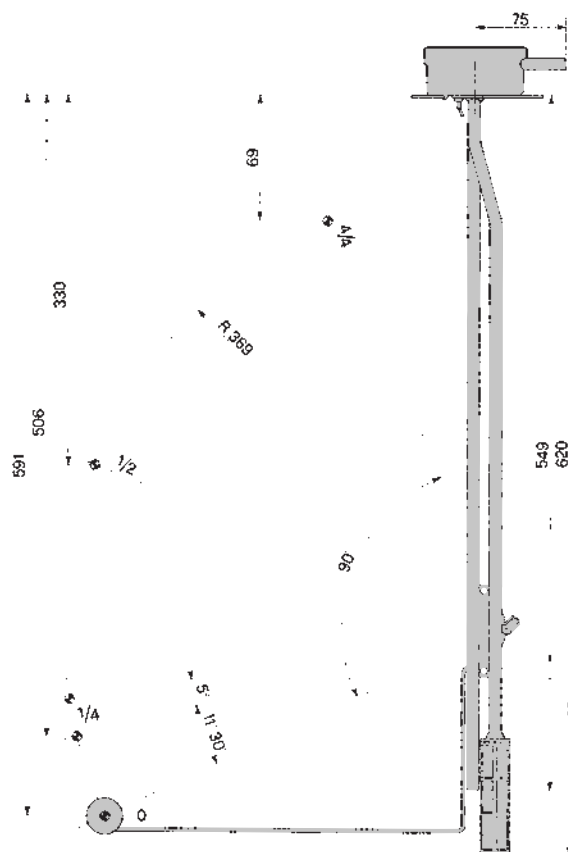
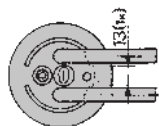
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.207.000

①=1 ○=2 ■=1

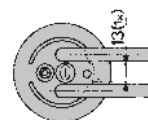
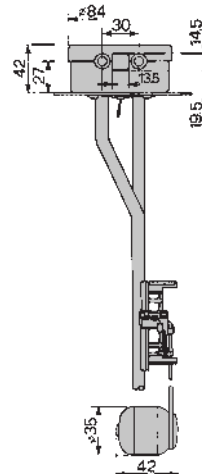
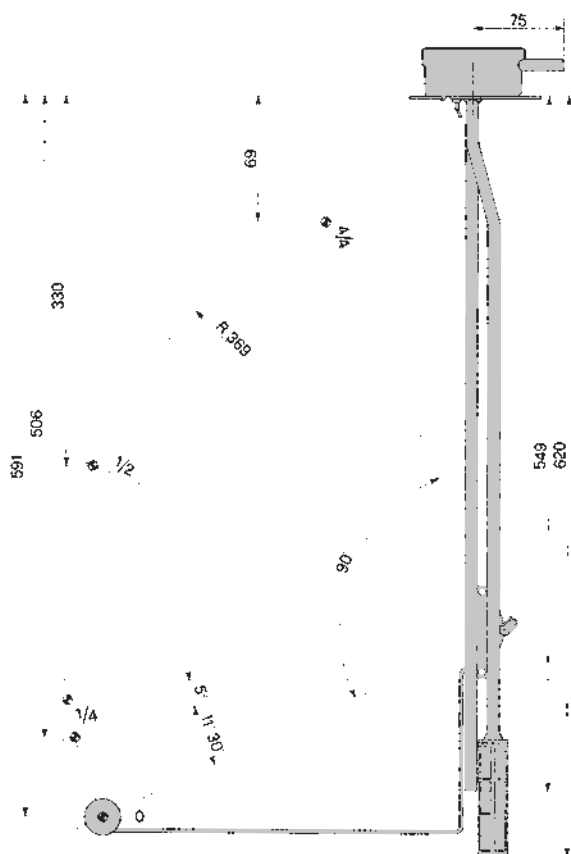
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.291.000

①=1 □=3 ■=1

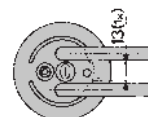
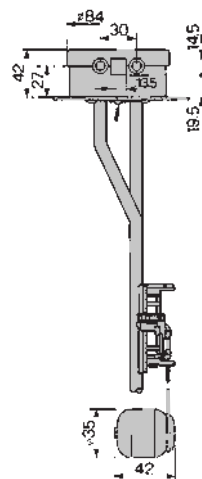
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.226.000

①=1 □=5 ■=1

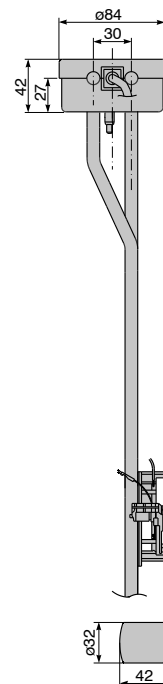
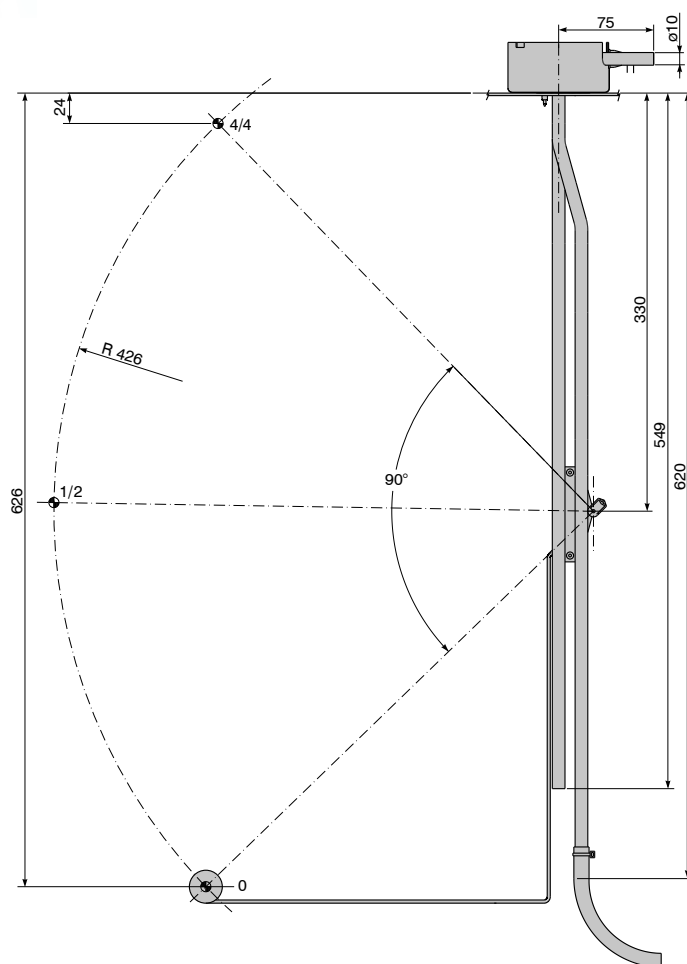
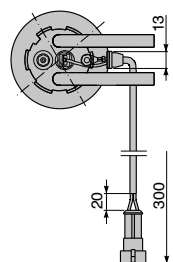
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.312.000

①=2 ②=2 ③=1

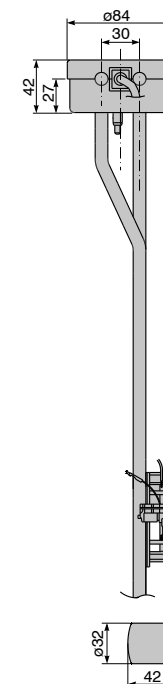
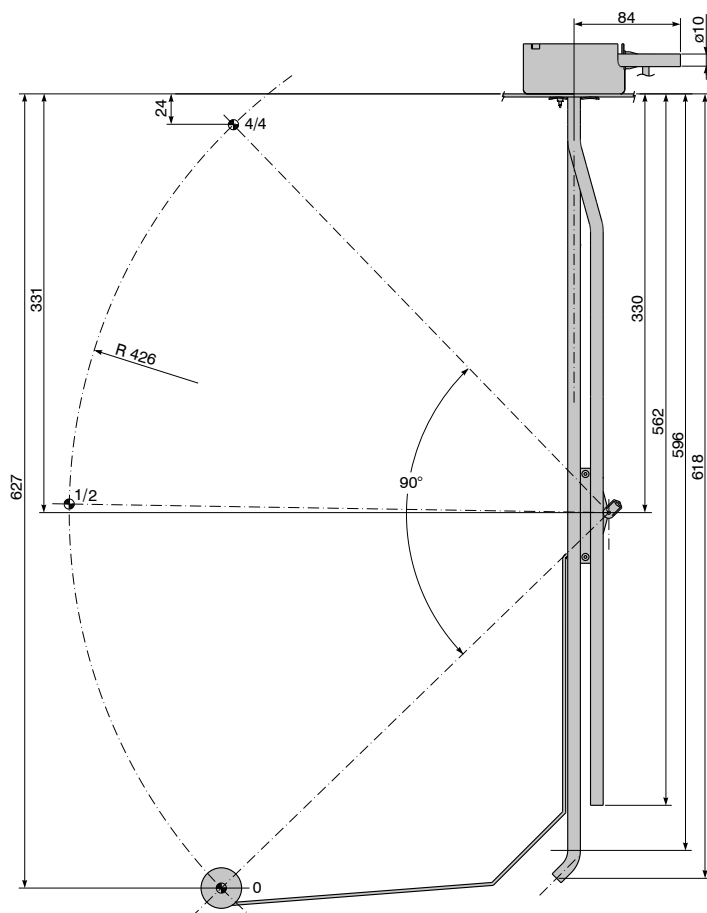
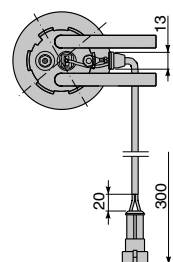
Optional: 27.0958.0000 CONNECTION KIT



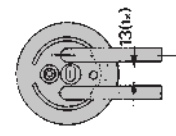
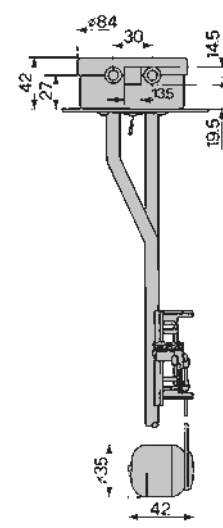
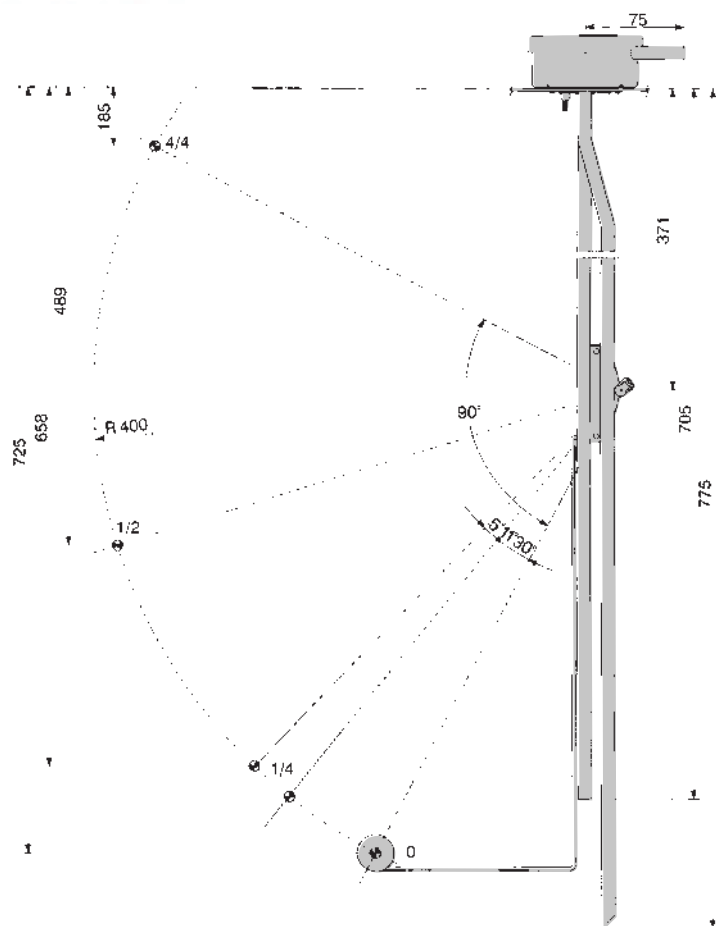
29.390.000

①=2 ②=2 ③=1

Optional: 27.0958.0000 CONNECTION KIT



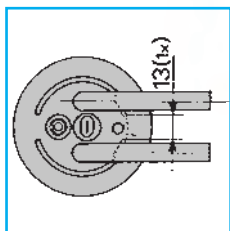
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



- **Comandi livello carburante regolabili con corpo in acciaio**

- **Adjustable steel fuel level senders**

REGOLABILE
ADJUSTABLE



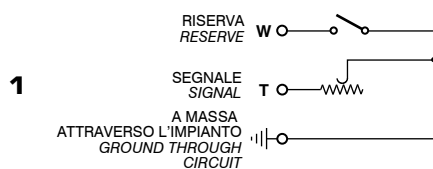
Tubi - Pipes n°2



① = schema elettrico - wiring diagram

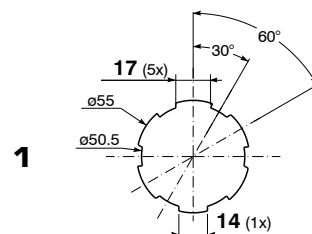
⊙ = tabella valore ohmico - ohmic value table

● = foratura - fixing hole



1

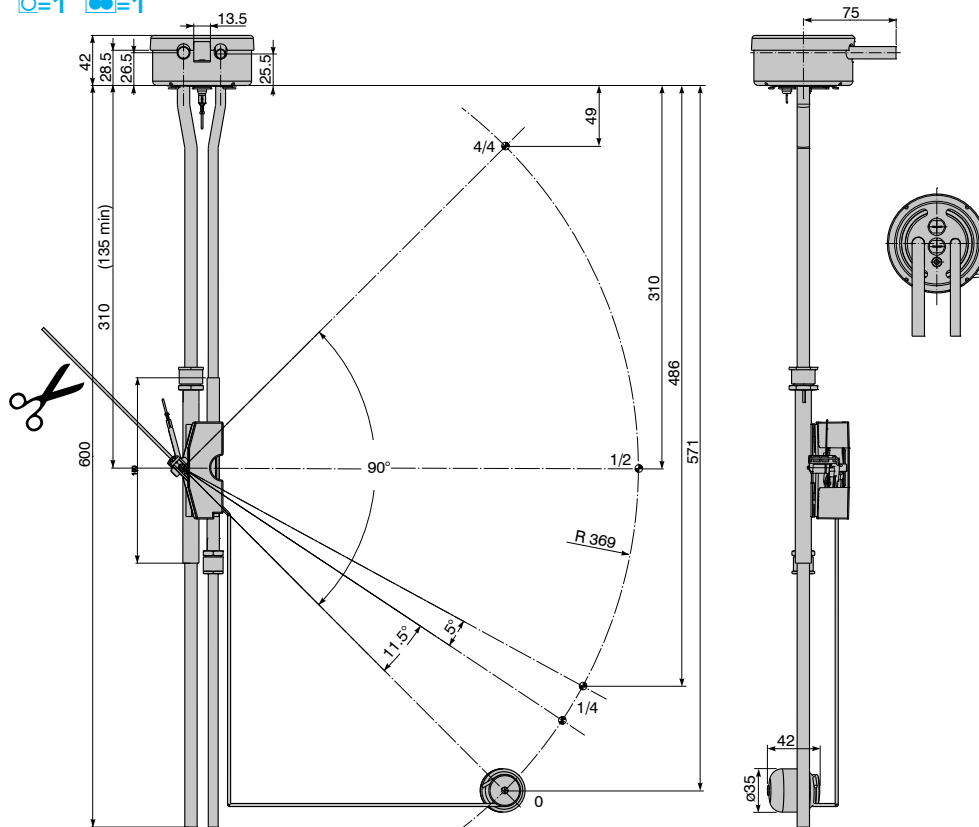
0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7



29.0632.0000

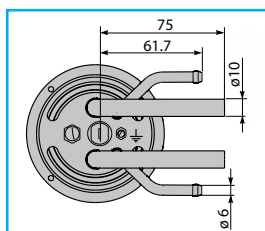
①=1 ⊙=1 ●=1

Optional: 30.16.02312 connectors
30.17.02178 terminals



- Comandi livello carburante con corpo in acciaio

- Steel fuel level senders



Tubi - Pipes n°2+2

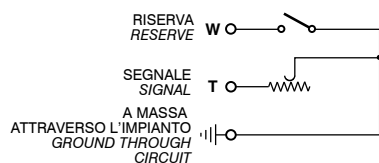


① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

☐ = foratura - fixing hole

1



1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

2

0	1/4	1/2	3/4	4/4
5	35 ± 5	80 ± 10	155 ± 10	182 ± 10

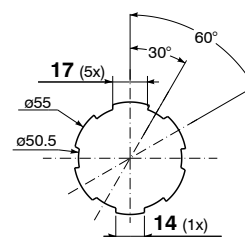
3

0	1/4	1/2	3/4	4/4
10	70 ± 10	200 ± 10	400 ± 10	500 ± 10

4

0	1/4	1/2	3/4	4/4
240 ± 10	165 ± 10	100 ± 10	60 ± 5	33 ± 5

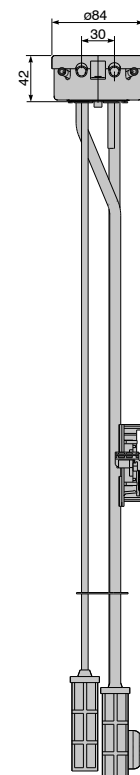
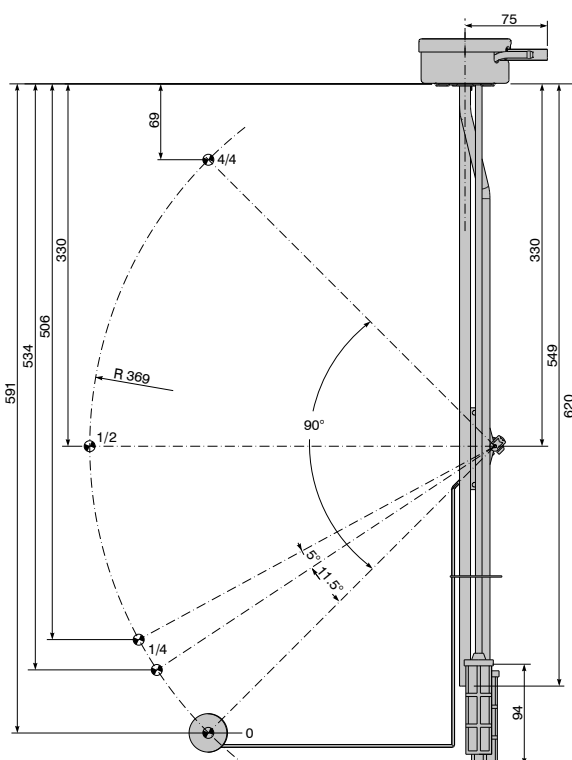
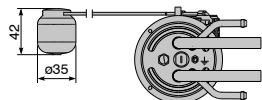
1



29.0440.0000

①=1 ☐=1 ☐=1

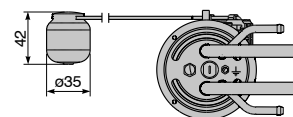
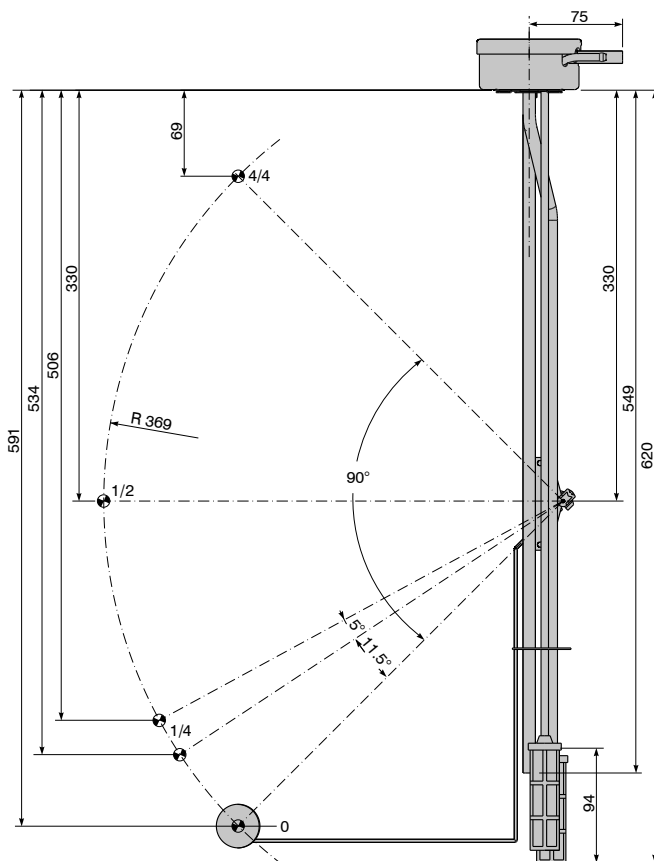
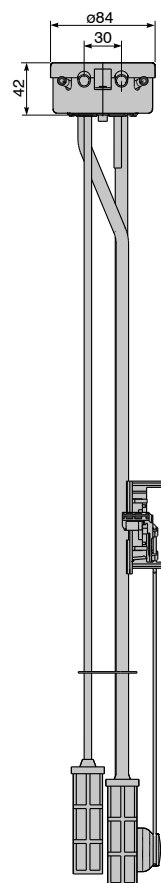
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals



29.0471.0000

①=1 ○=2 ■=1

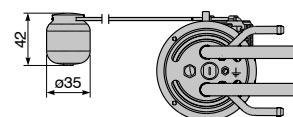
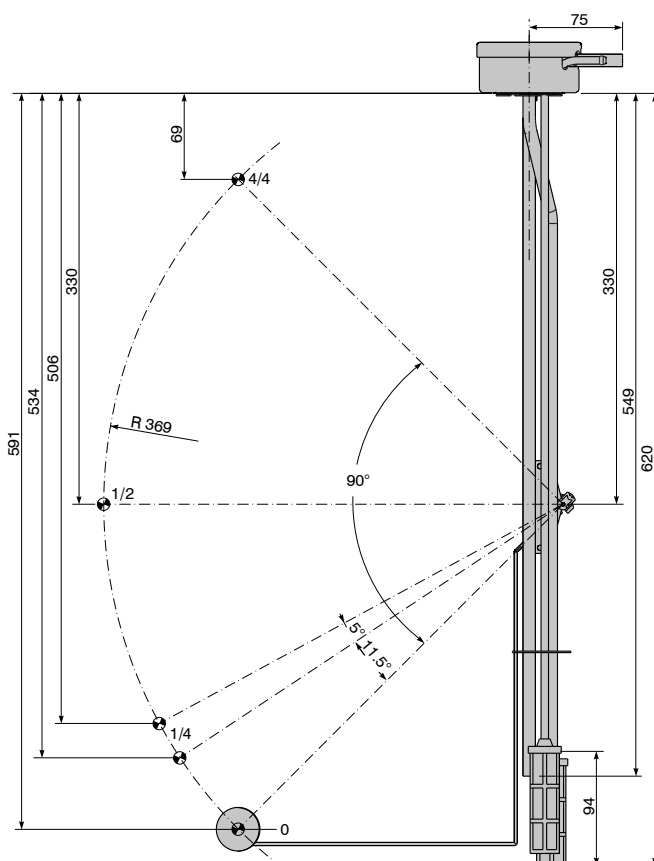
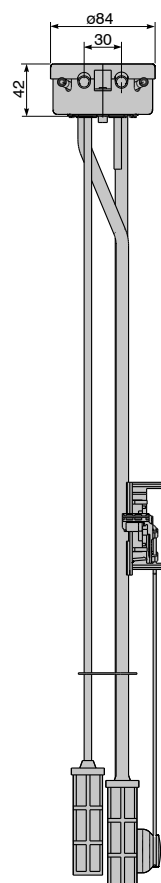
Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals

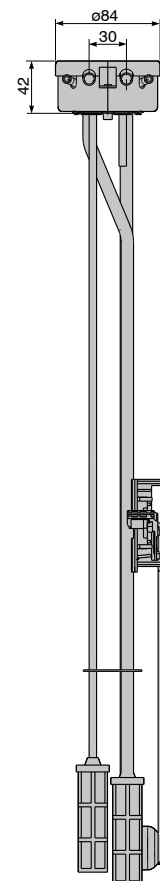
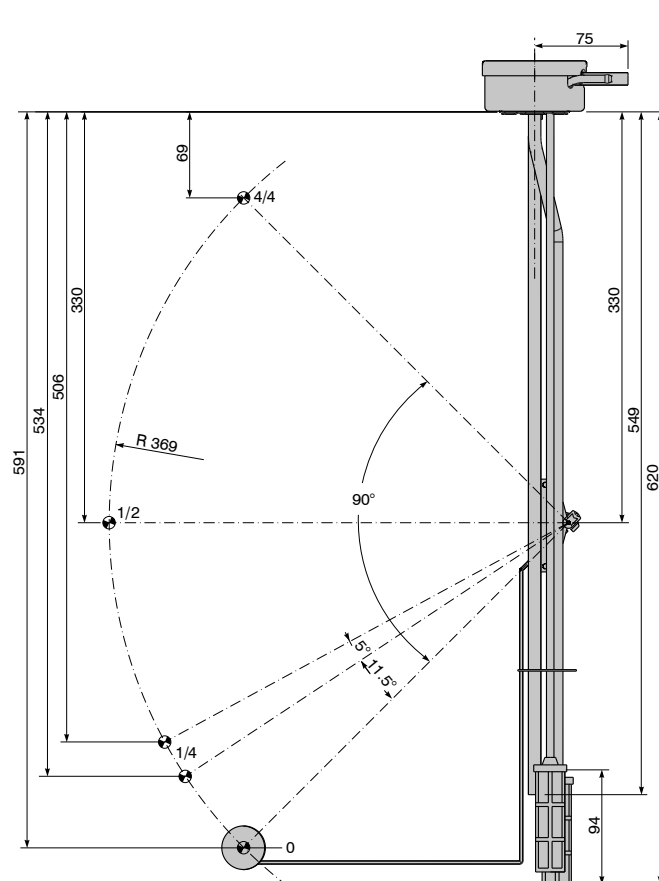
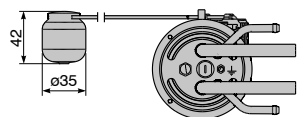


29.0472.0000

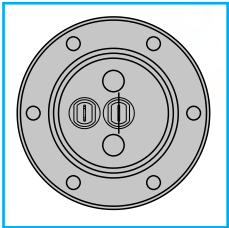
①=1 ○=3 ■=1

Optional: 30.16.02312 connectors
30.17.02178 - 30.17.02159 - 30.17.02158 terminals





- **Comandi livello carburante con corpo in acciaio**
- **Steel fuel level senders**



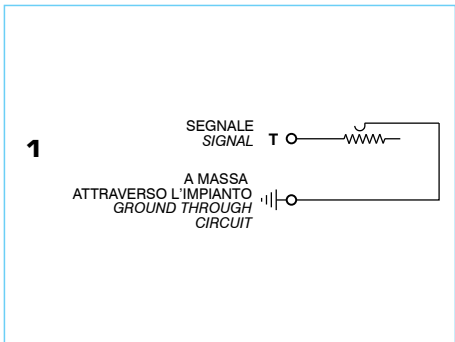
Tubi - Pipes n°0



① = schema elettrico - wiring diagram

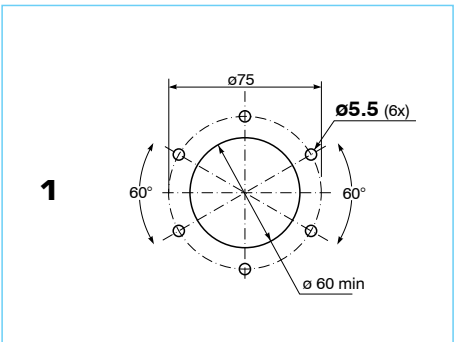
⊗ = tabella valore ohmico - ohmic value table

⊗ = foratura - fixing hole



1

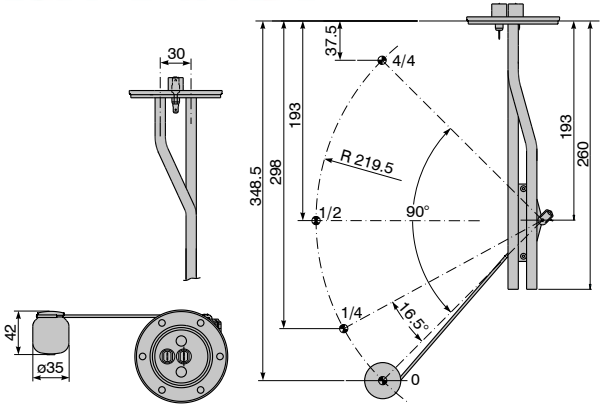
0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7



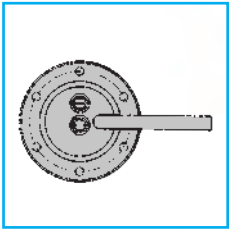
29.262.000

①=1 ⊗=1 ⊗=1

Optional: 30.16.02312 connectors
30.17.02158 terminals



- **Comandi livello carburante con corpo in acciaio**
- **Steel fuel level senders**



Tubi - Pipes n°1

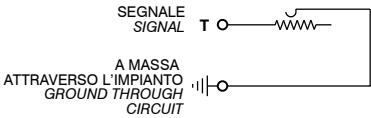


① = schema elettrico - wiring diagram

⊞ = tabella valore ohmico - ohmic value table

⊞ = foratura - fixing hole

1



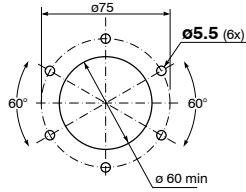
1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

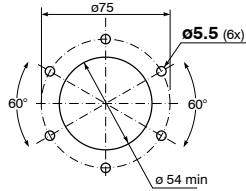
2

0	1/4	1/2	3/4	4/4
345 - 315	185 - 225	100 - 120	-	0 - 7

1



2



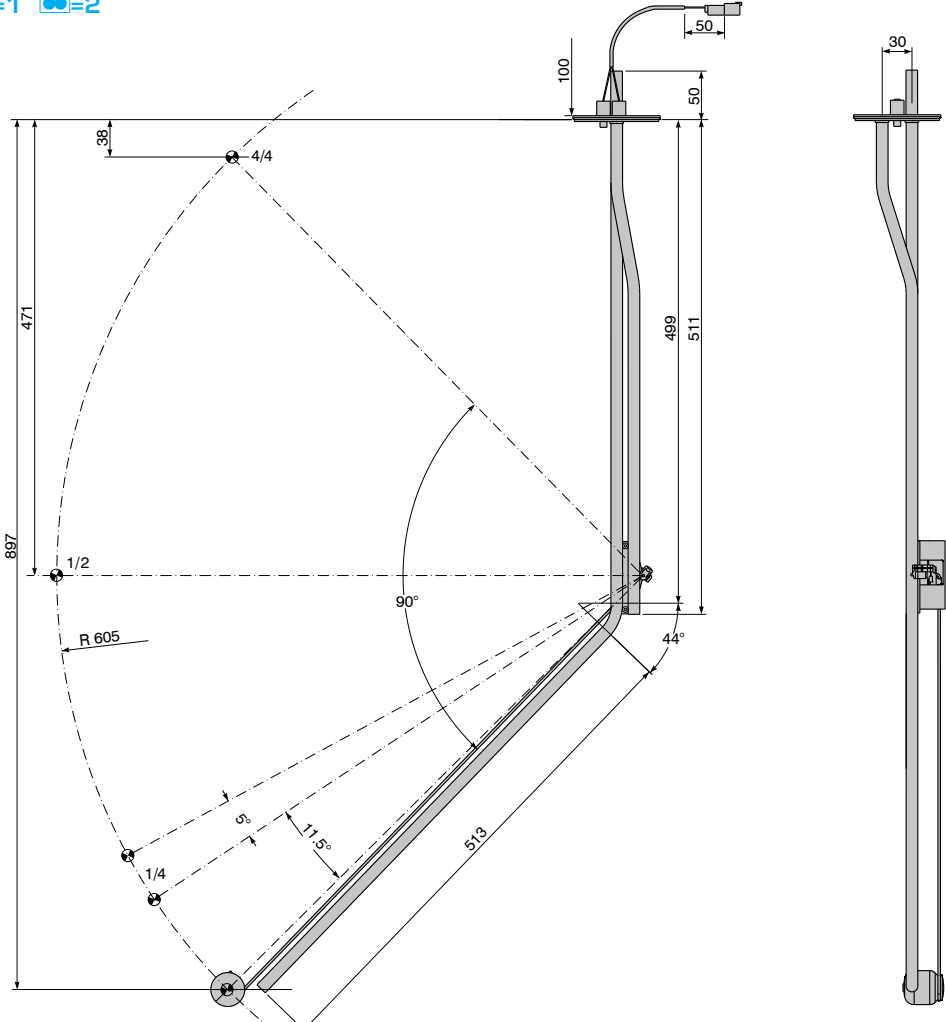
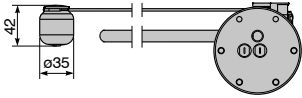
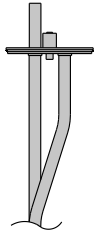
29.410.000

①=1

⊞=1

⊞=2

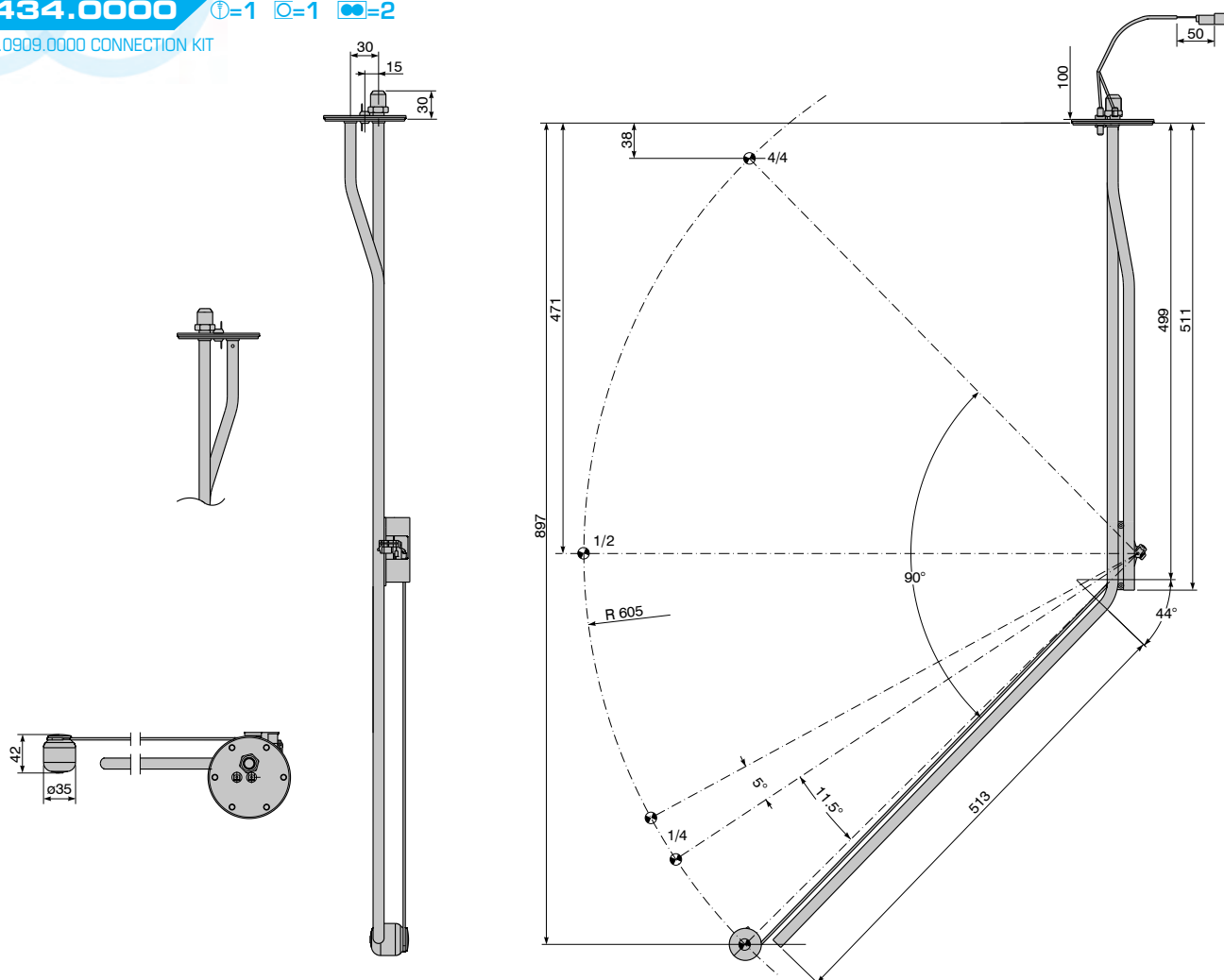
Optional: 27.0909.0000 CONNECTION KIT



29.0434.0000

①=1 ②=1 ③=2

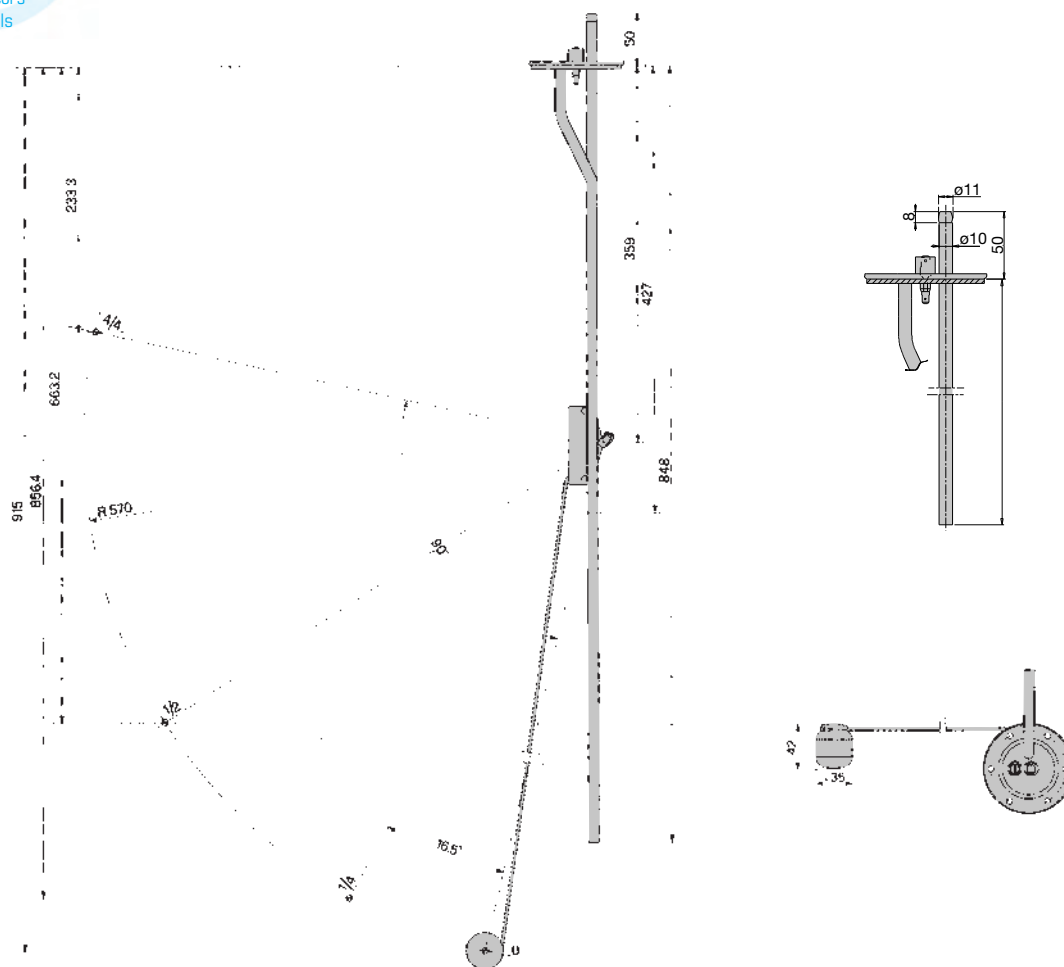
Optional: 27.0909.0000 CONNECTION KIT



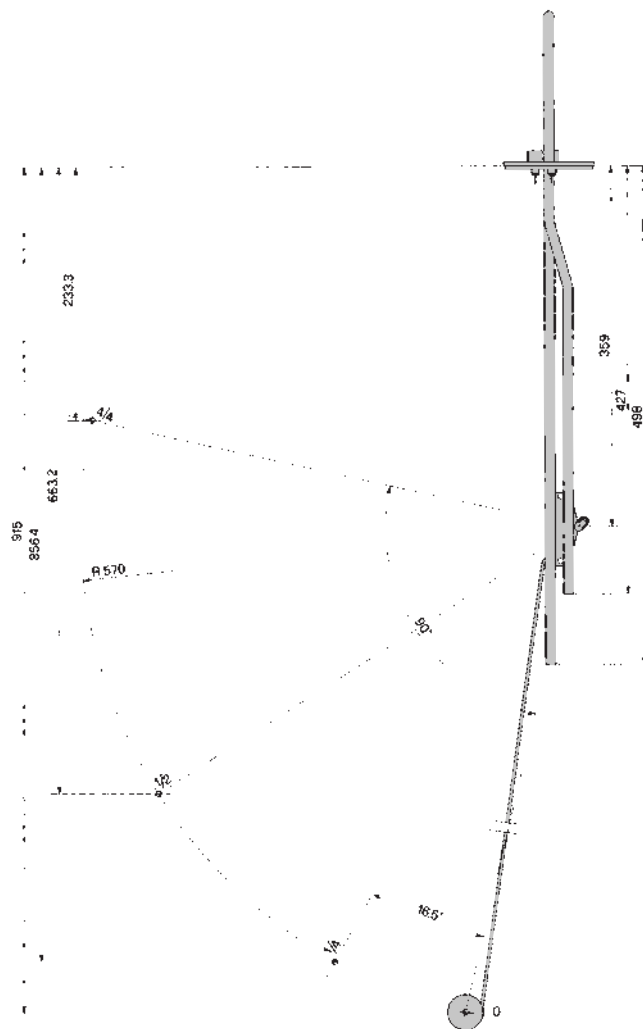
29.254.000

①=1 ②=1 ③=1

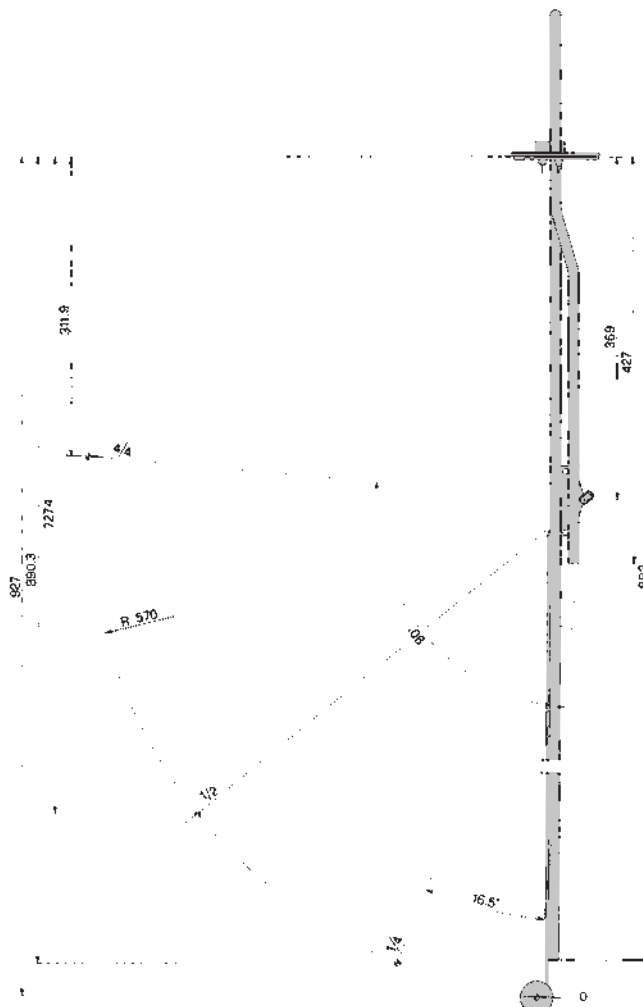
Optional: 30.16.02312 connectors
30.17.02178 terminals



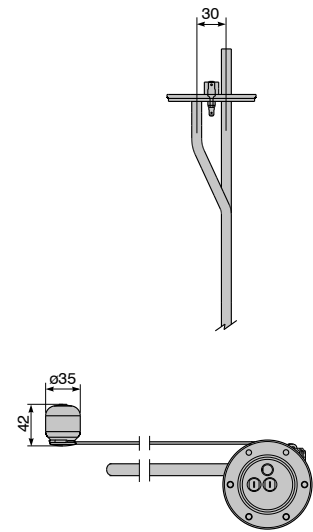
=1 =1 =1



=1 =1 =1



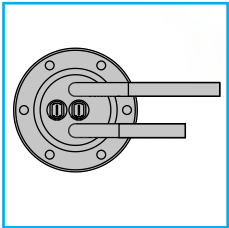
=1 =1 =1

[illegible]

⊕=1 ⊖=2 ∞=2

0909.0000 CONNECTION KIT

- **Comandi livello carburante con corpo in acciaio**
- **Steel fuel level senders**



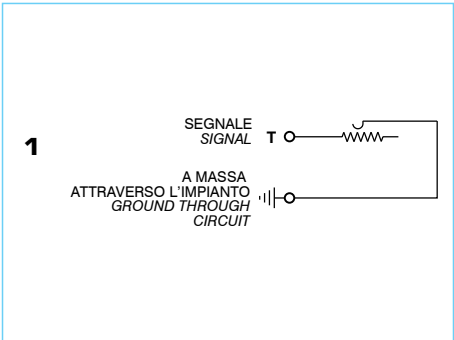
Tubi - Pipes n°2



① = schema elettrico - wiring diagram

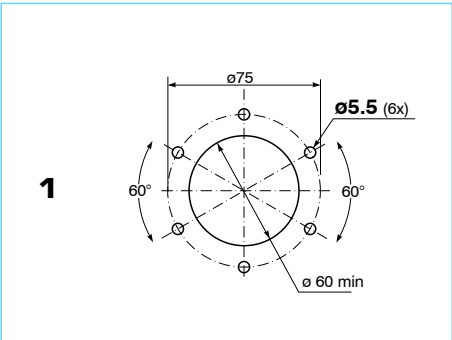
☐ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole



1

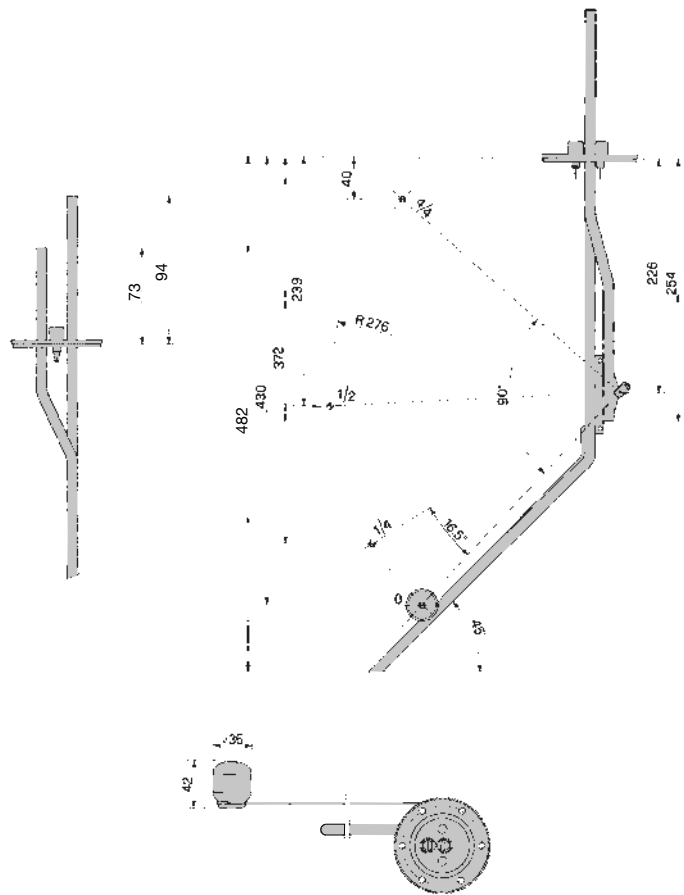
0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7



29.306.000

①=1 ☐=1 ⬢=1

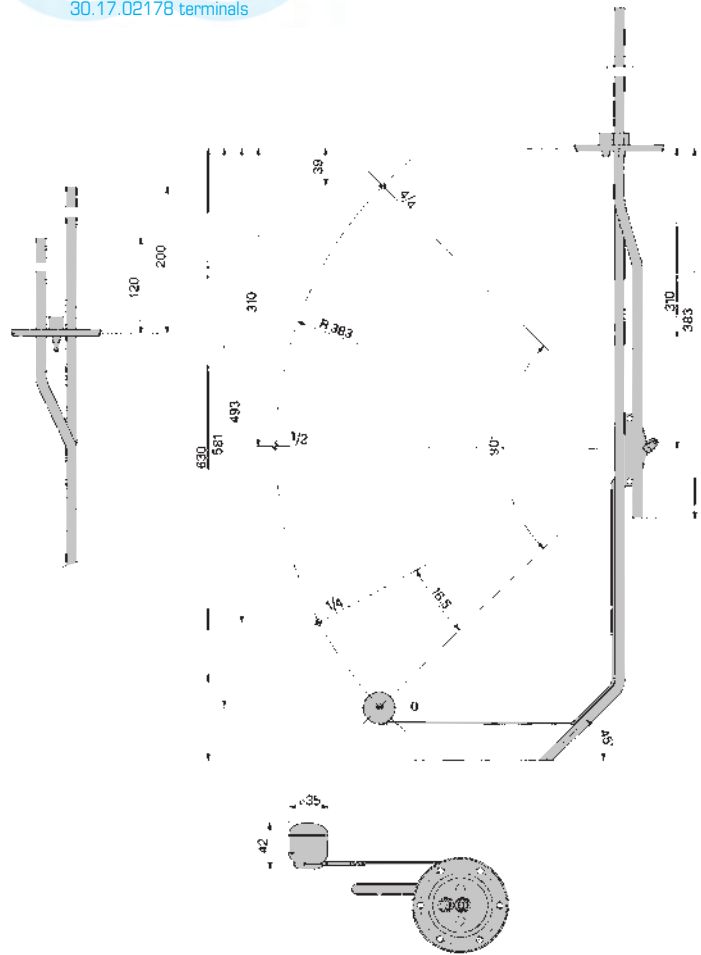
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.363.000

①=1 ☐=1 ⬢=1

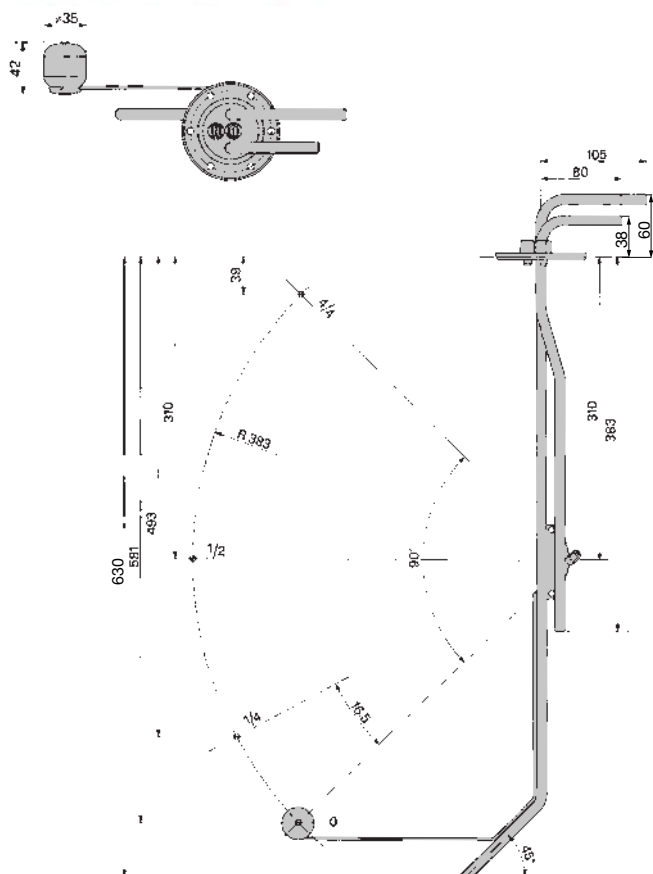
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.249.000

①=1 ②=1 ③=1

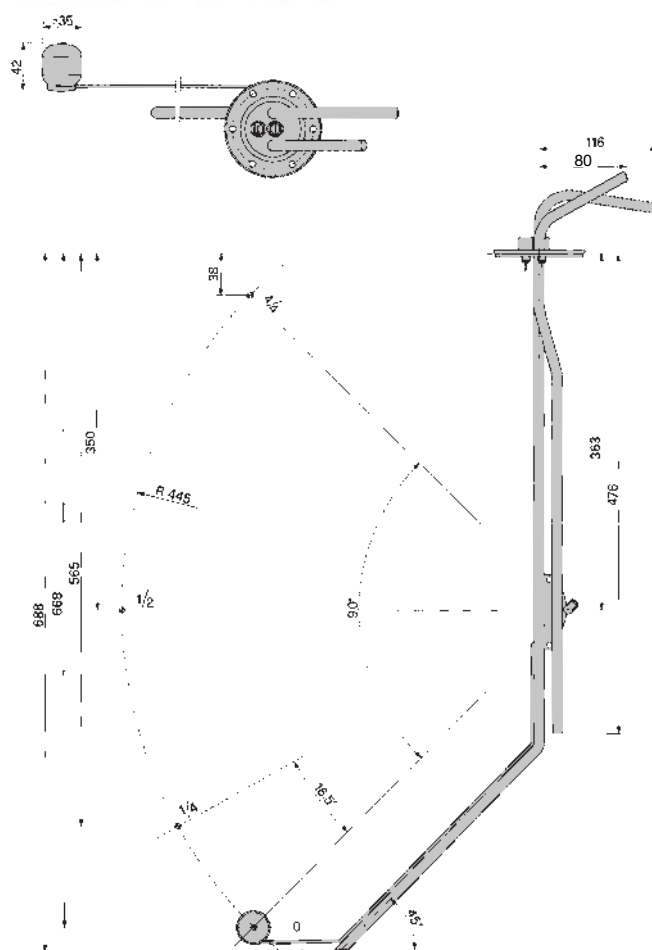
Optional: 30.16.02312 connectors
30.17.02178 terminals



29.208.000

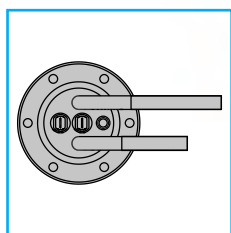
①=1 ②=1 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals



- **Comandi livello carburante con corpo in acciaio**

- **Steel fuel level senders**



Tubi - Pipes n°2

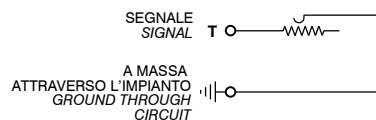


① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

● = foratura - fixing hole

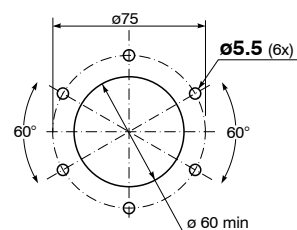
1



1

0	1/4	1/2	3/4	4/4
345 - 315	225 - 185	128 - 108	-	0 - 7

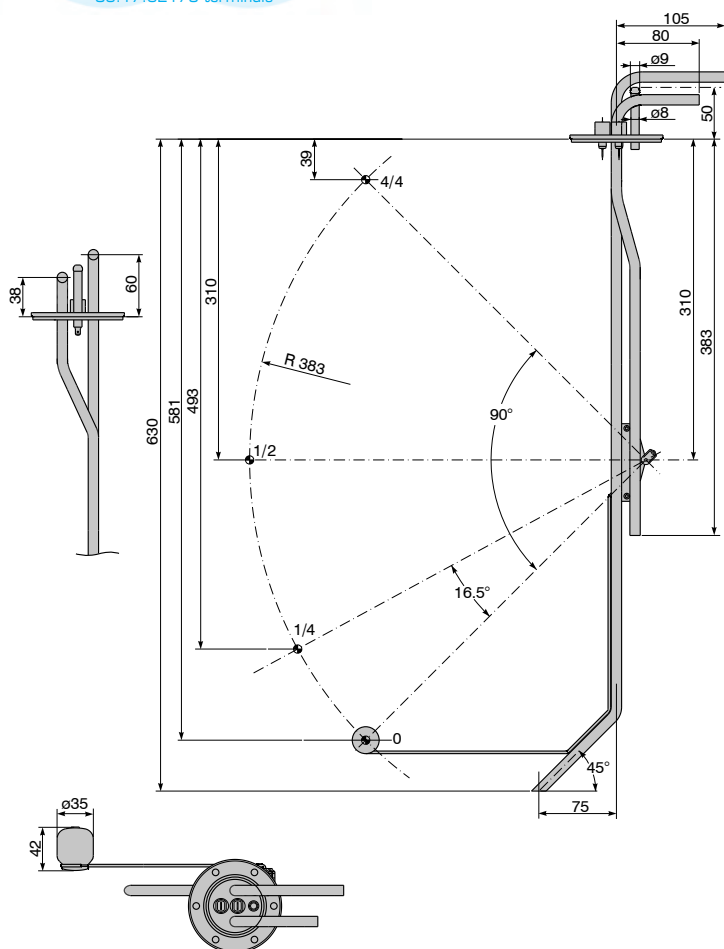
1



29.376.000

①=1 ☐=1 ●=1

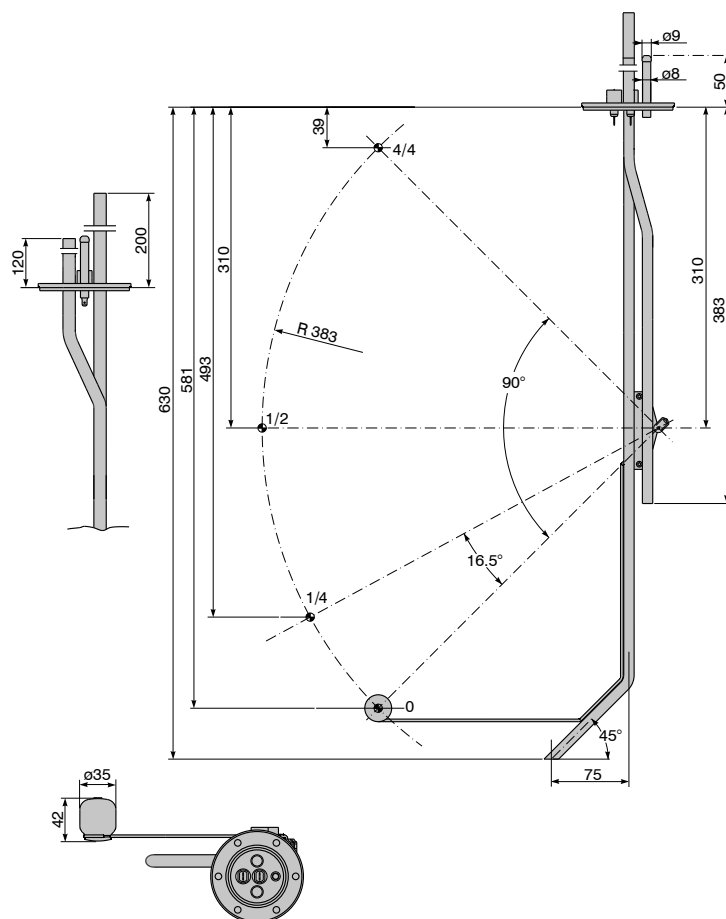
Optional: 30.16.02312 connectors
30.17.02178 terminals

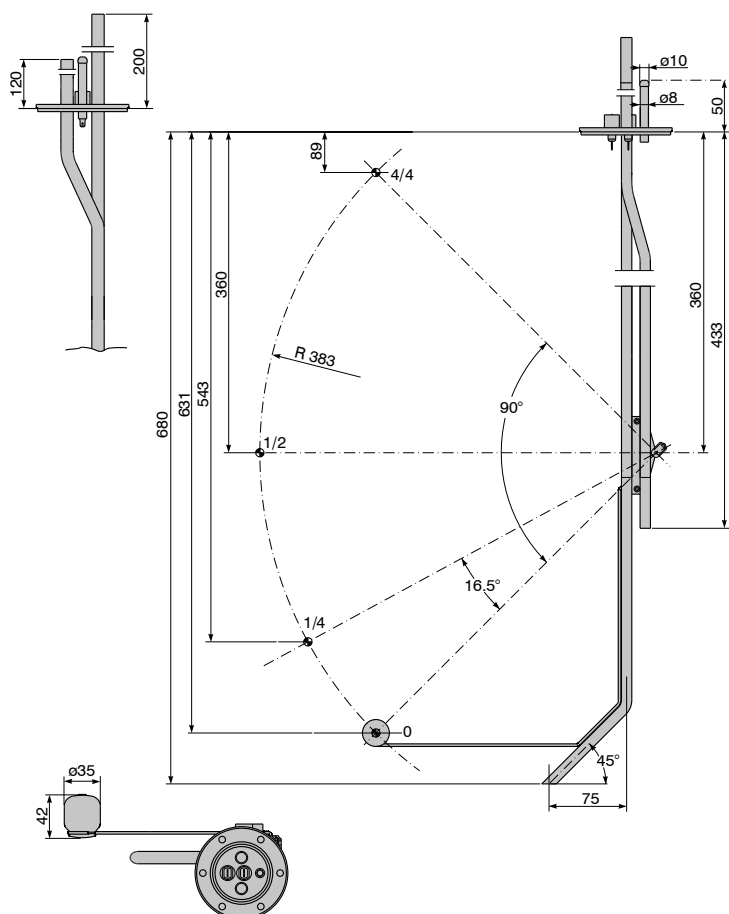


29.377.000

①=1 ☐=1 ●=1

Optional: 30.16.02312 connectors
30.17.02178 terminals





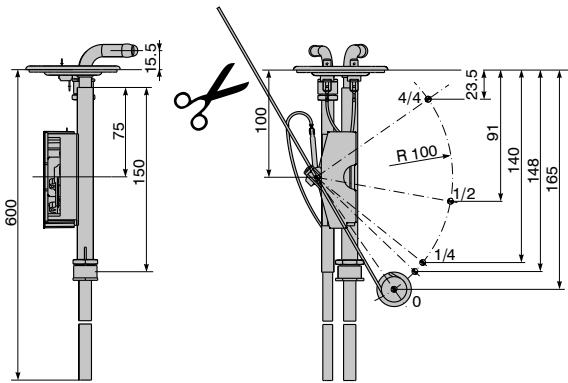
- **Adjustable steel fuel level senders**

A diagram of a mechanical system. A vertical rod is supported by a top pulley and a middle pulley. A cable is attached to the bottom of the rod and runs horizontally to the right, where it is connected to a spherical mass. The background features a large blue arc.

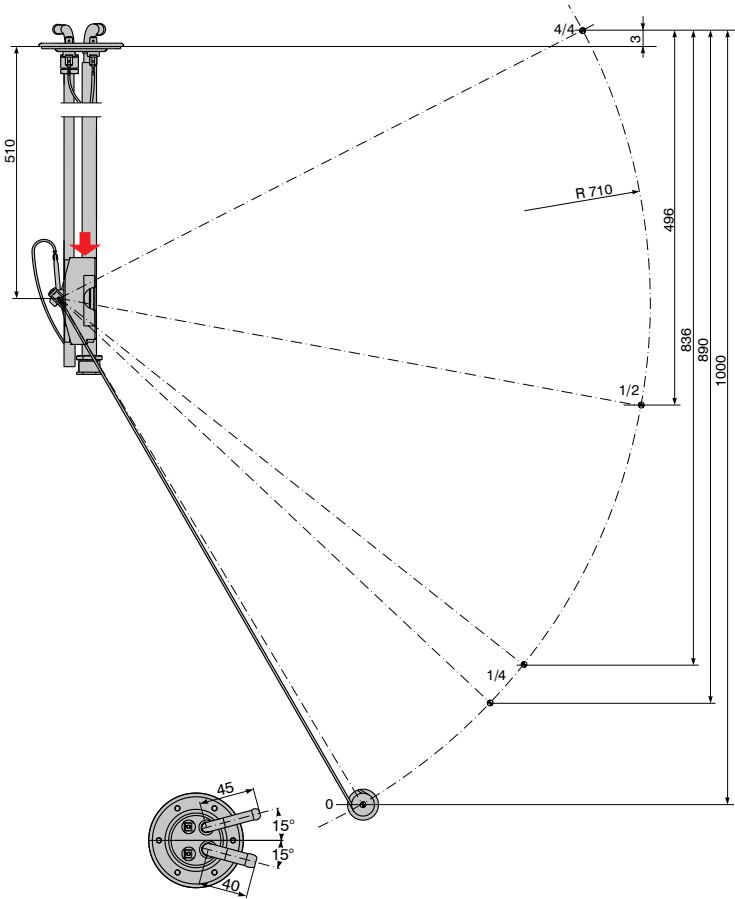
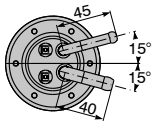
29.0492.0000 ①=1 ②=1 ③=1

29.0493.0000 ①=1 ②=2 ③=1

Optional: 30.16.02312 connectors
30.17.02178 terminals

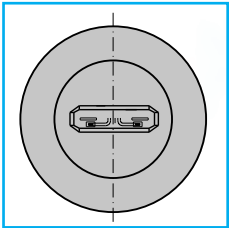


DIMENSIONE MINIMA / MIN. DIMENSION



DIMENSIONE MASSIMA / MAX. DIMENSION

- **Comandi livello carburante con corpo in acciaio e flangia in nylon**
- **Steel tube-nylon fixing flange fuel level senders**



Tubi - Pipes n°0

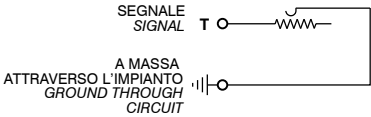


① = schema elettrico - wiring diagram

⊖ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole

1



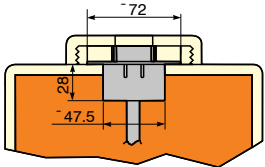
1

0	1/4	1/2	3/4	4/4
278 ± 20	-	-	-	20 ± 5

2

0	1/4	1/2	3/4	4/4
150	-	-	-	10

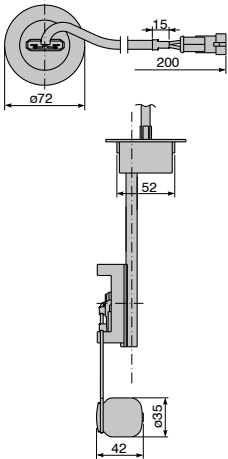
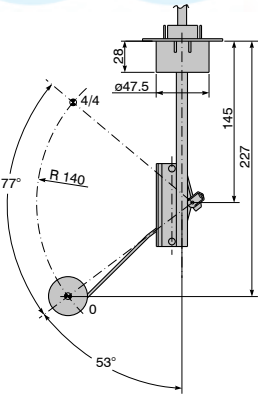
1



29.379.000

①=1 ⊖=1 ⬢=1

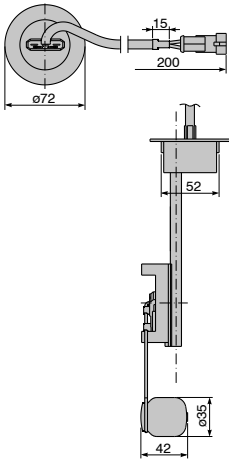
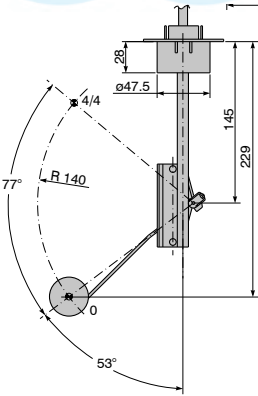
Optional: 27.0958.0000 CONNECTION KIT



29.406.000

①=1 ⊖=2 ⬢=1

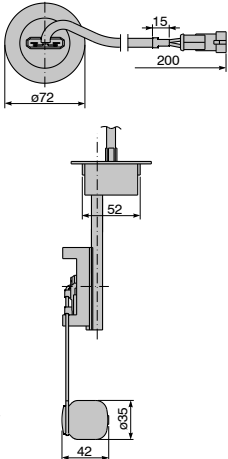
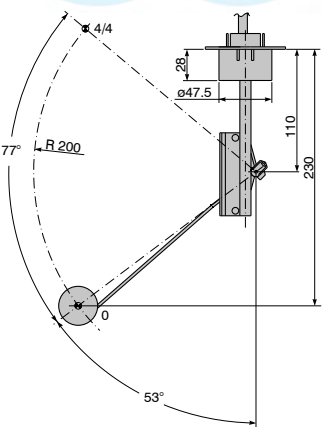
Optional: 27.0958.0000 CONNECTION KIT



29.395.000

①=1 ⊖=1 ⬢=1

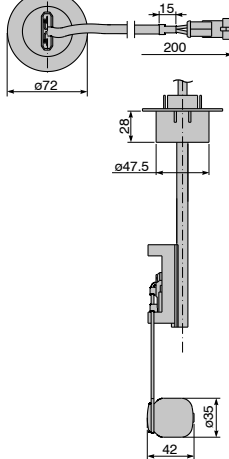
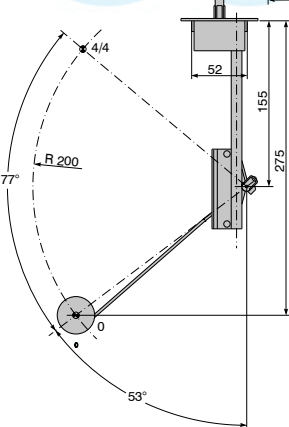
Optional: 27.0958.0000 CONNECTION KIT



29.389.000

①=1 ⊖=1 ⬢=1

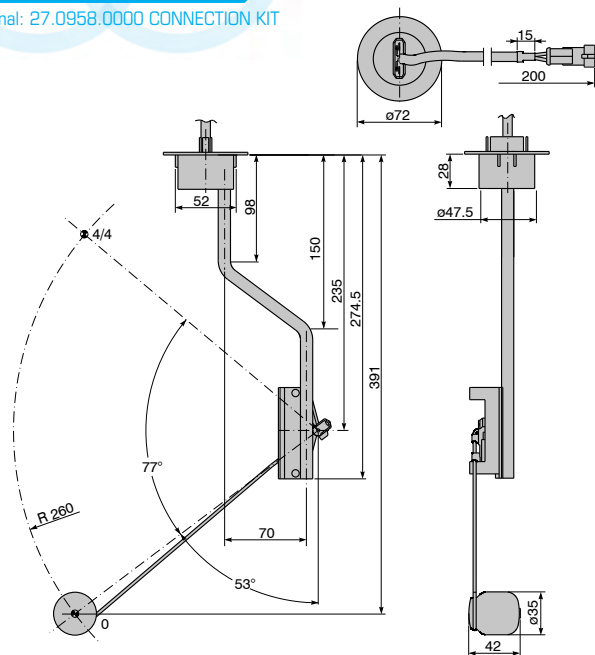
Optional: 27.0958.0000 CONNECTION KIT



29.380.000

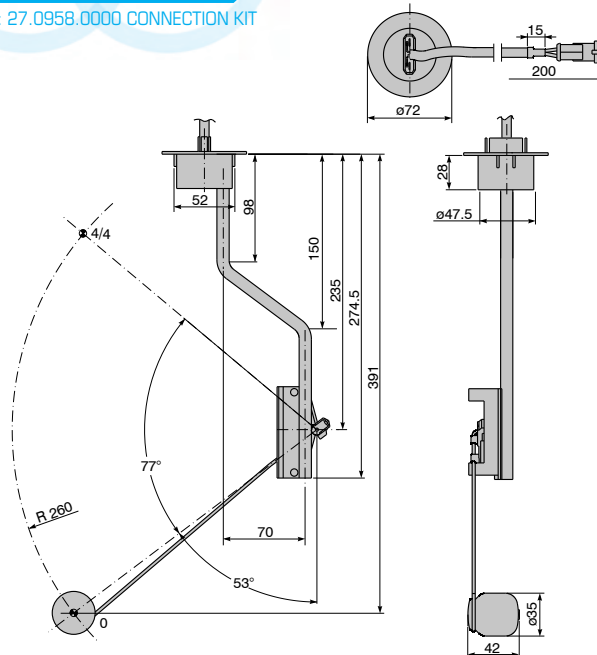
①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

**29.408.000**

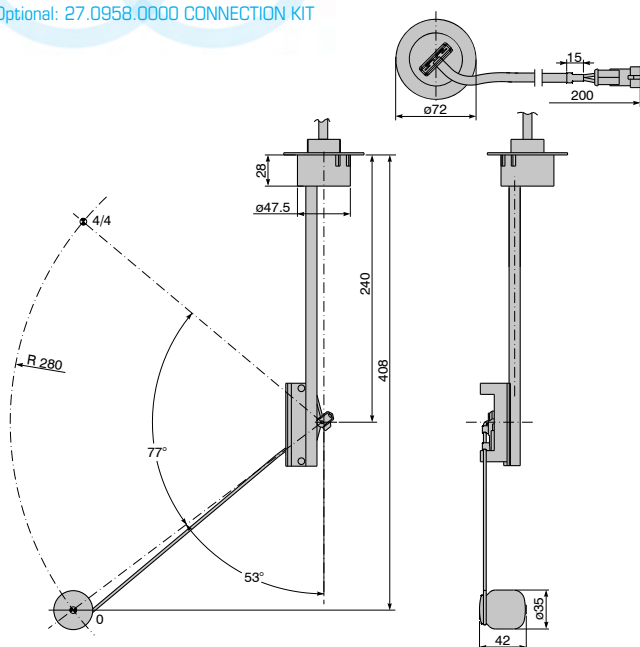
①=1 ②=2 ③=1

Optional: 27.0958.0000 CONNECTION KIT

**29.381.000**

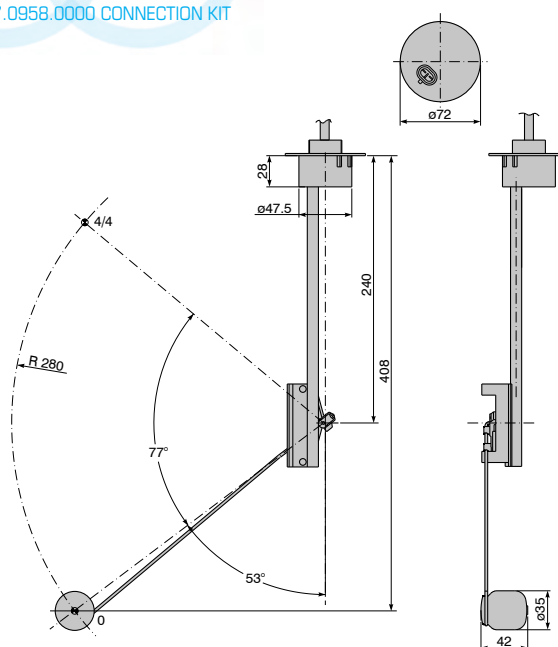
①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

**29.388.000**

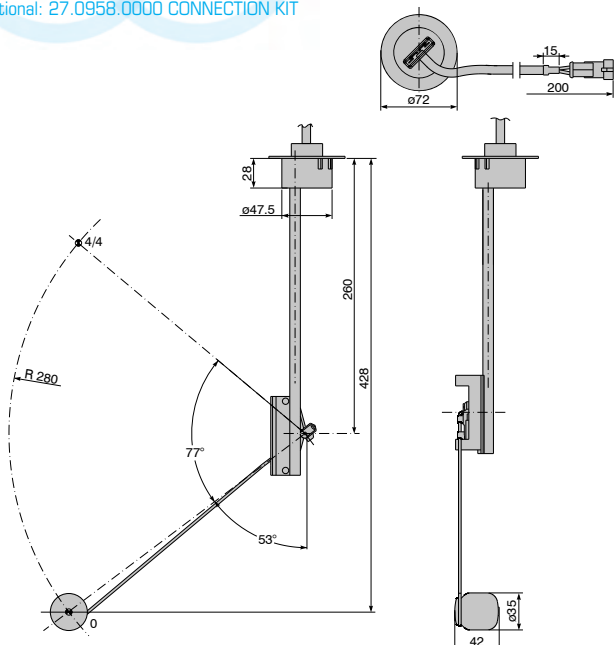
①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

**29.407.000**

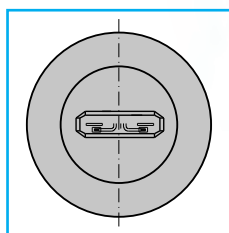
①=1 ②=2 ③=1

Optional: 27.0958.0000 CONNECTION KIT



• **Comandi livello carburante
con corpo in acciaio e flangia in nylon**

• **Steel tube-nylon fixing flange
fuel level senders**



Tubi - Pipes n°0

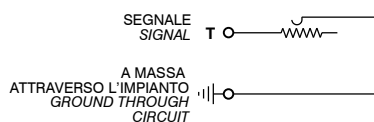


① = schema elettrico - wiring diagram

⊖ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole

1



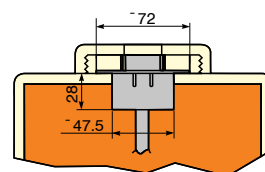
1

0	1/4	1/2	3/4	4/4
150	-	-	-	10

2

0	1/4	1/2	3/4	4/4
300	-	-	-	20

1



29.277.000

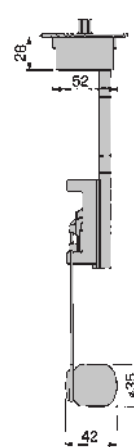
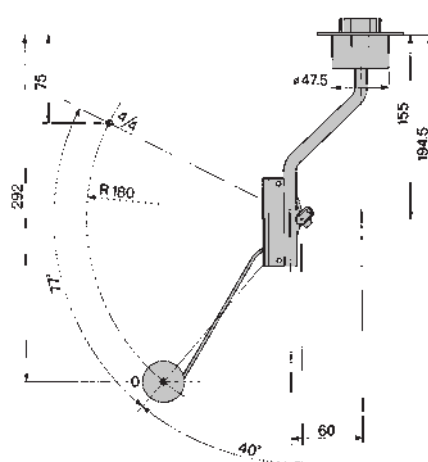
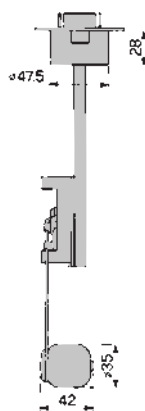
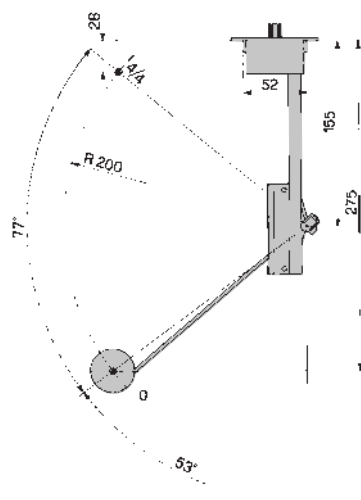
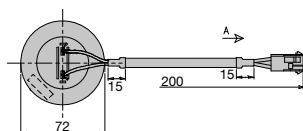
①=1 ⊖=1 ⬢=1

Optional: 30.16.03989 connectors
30.17.06193 terminals

29.278.000

①=1 ⊖=1 ⬢=1

Optional: 30.18.02967 connectors
30.17.06194 terminals



ABBINATO - COUPLED

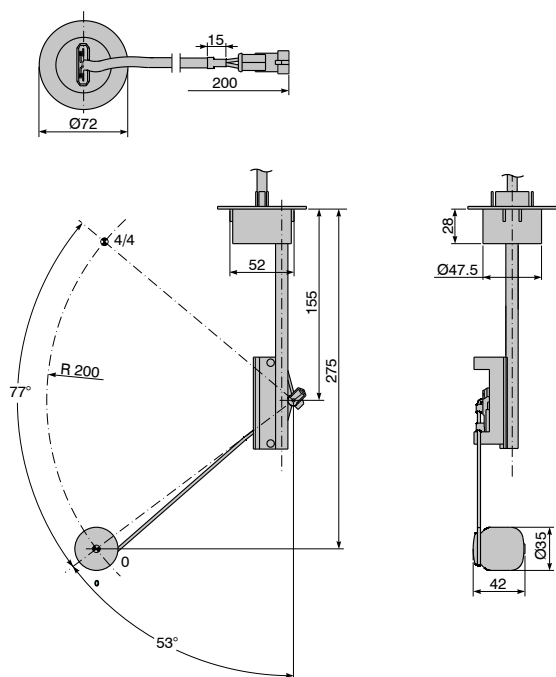
29.277.000 + 29.278.000

①=1 ⊖=2 ⬢=1

29.383.000

①=1 ②=1 ③=1

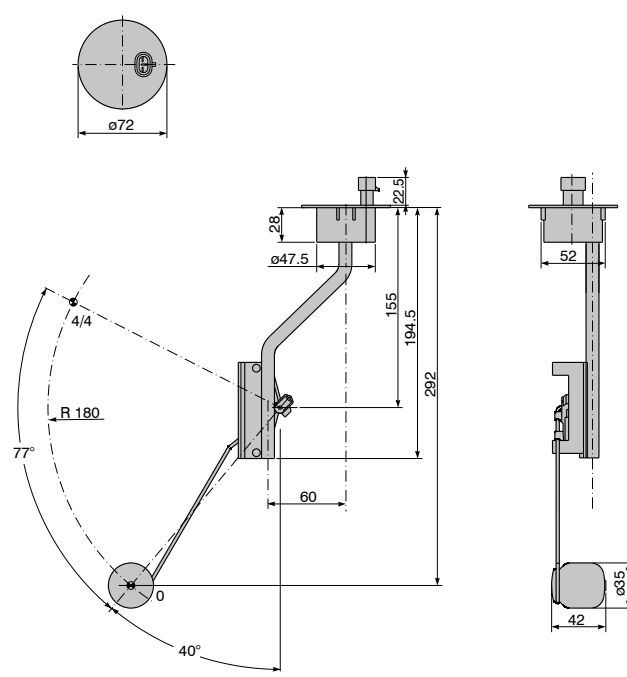
Optional: 27.0958.0000 CONNECTION KIT



29.384.000

①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

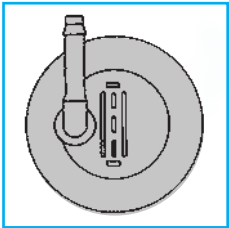


ABBINATO - COUPLED

29.383.000 + 29.384.000

①=1 ②=2 ③=1

- **Comandi livello carburante con corpo in acciaio e flangia in nylon**
- **Steel tube-nylon fixing flange fuel level senders**



Tubi - Pipes n°1

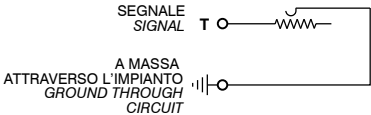


① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

● = foratura - fixing hole

1



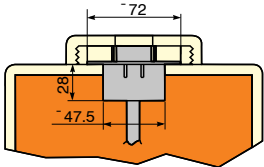
1

0	1/4	1/2	3/4	4/4
278 ± 20	-	-	-	20 ± 5

2

0	1/4	1/2	3/4	4/4
278 ± 20	-	143 ± 10	-	20 ± 5

1



29.0467.0000

①=1

☐=1

●=1

Optional: 27.0958.0000 CONNECTION KIT

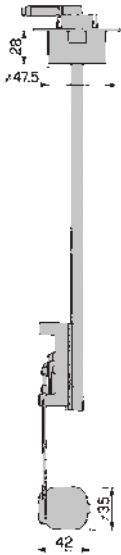
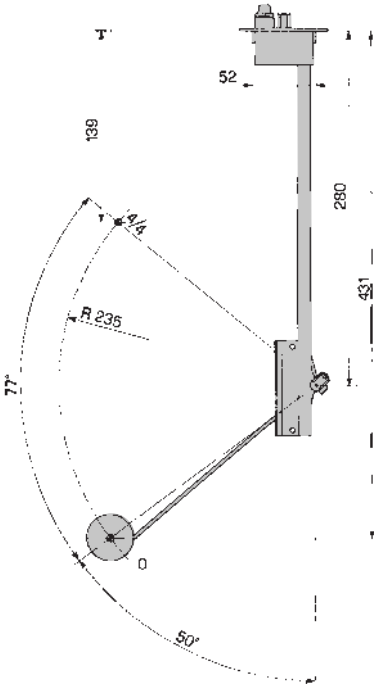
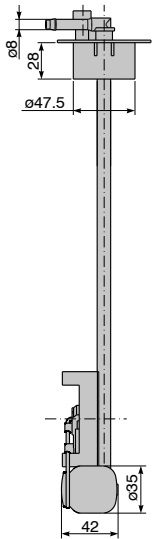
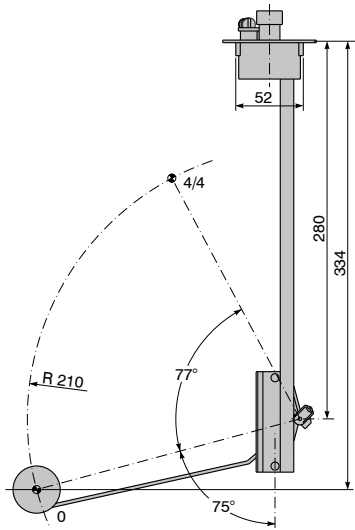
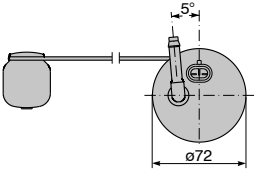
29.307.000

①=1

☐=1

●=1

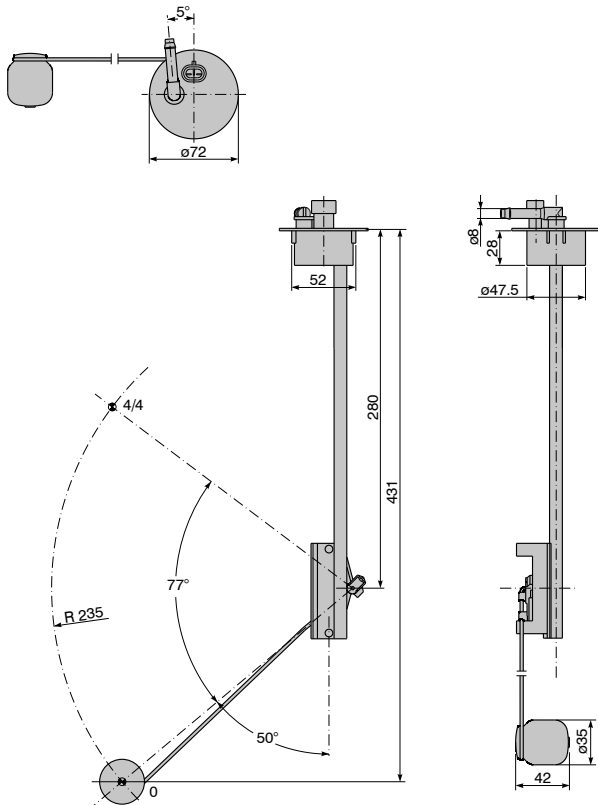
Optional: 30.18.02967 connectors
30.17.06194 terminals



29.385.000

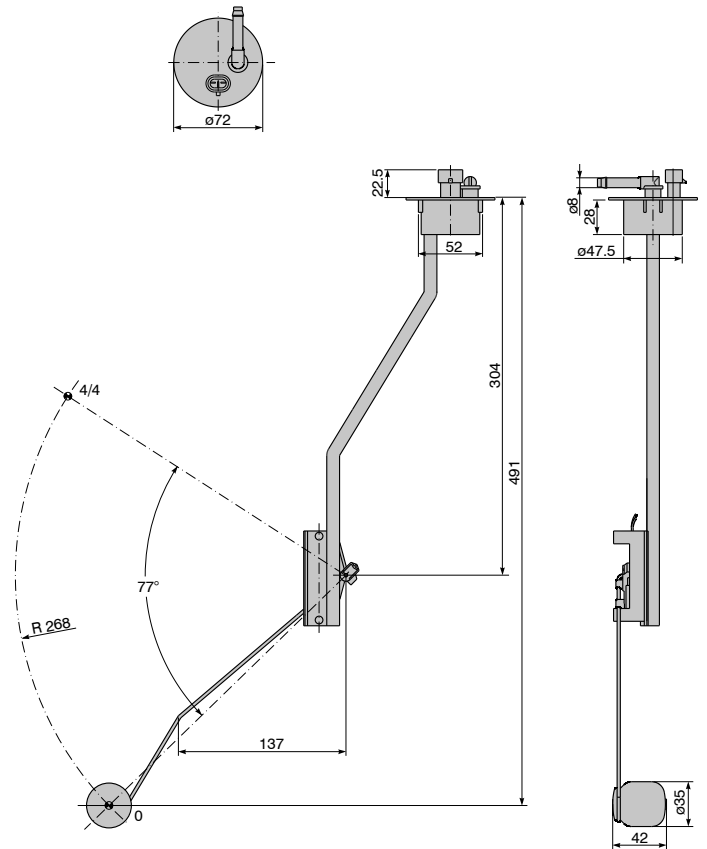
①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

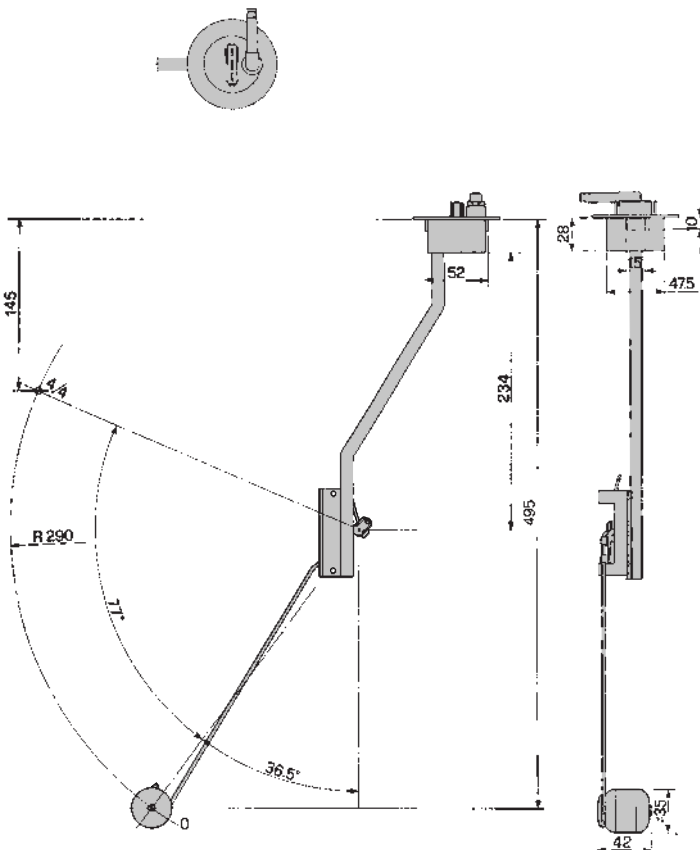
**29.0500.0000**

①=1 ②=1 ③=1

Optional: 27.0958.0000 CONNECTION KIT

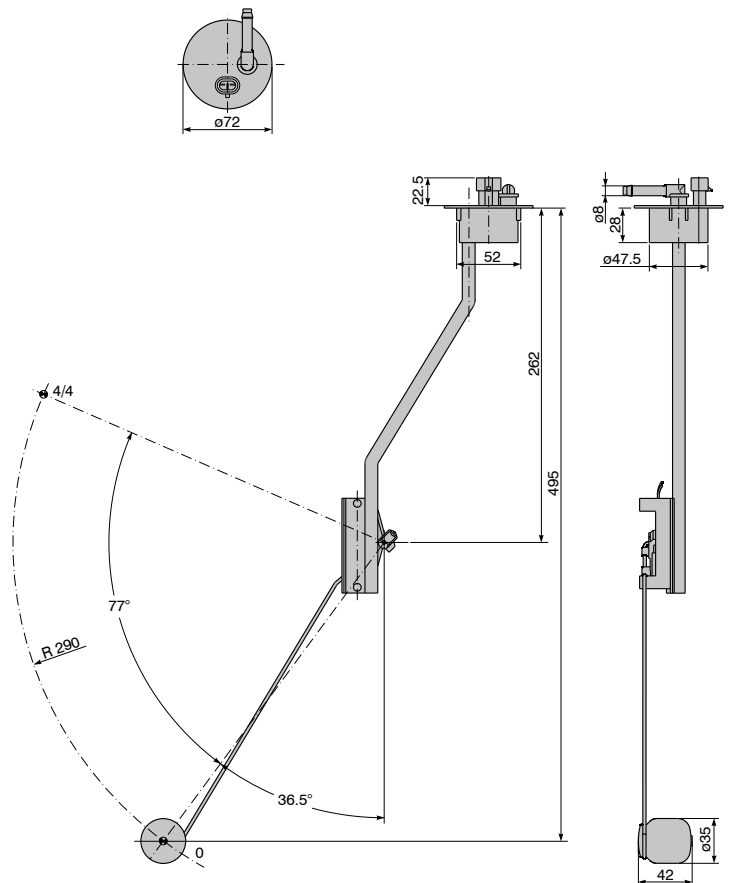
**29.265.000**

①=1 ②=2 ③=1

Optional: 30.18.02967 connectors
30.17.06197 terminals**29.382.000**

①=1 ②=2 ③=1

Optional: 27.0958.0000 CONNECTION KIT



• Sensori di livello carburante

Materiale flangia: termopolimero

Materiale tubo: alluminio

Combustibile gasolio

Tensione di alimentazione: 9 - 16V o 20 - 28V

Corrente assorbita: 20 mA

Carico max pilotabile (sul segnale positivo)

12V - 1,2W 24V - max 3W

• Fuel level senders

Flange material: technopolymer

Tube material: aluminium

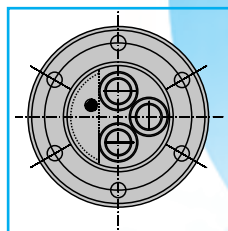
Diesel fuel

Power supply voltage: 9 - 16V or 20 - 28V

Current consumption: 20 mA

Max current load (on the positive signal)

12V - 1,2W 24V - max 3W

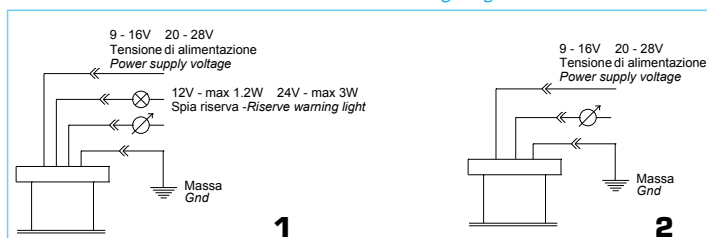


Tubi - Pipes n°0



CAPACITIVE TECHNOLOGY

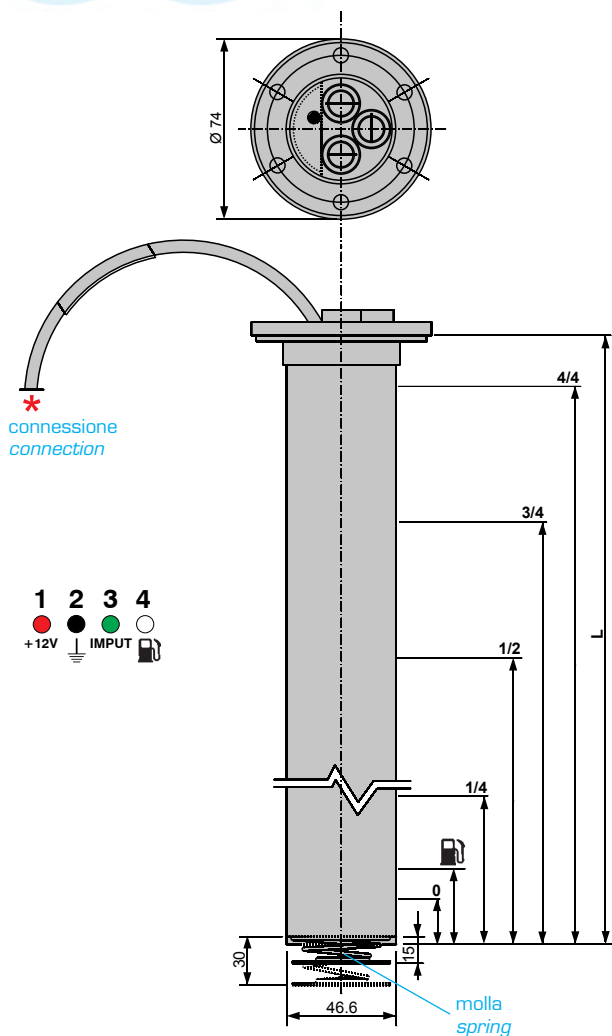
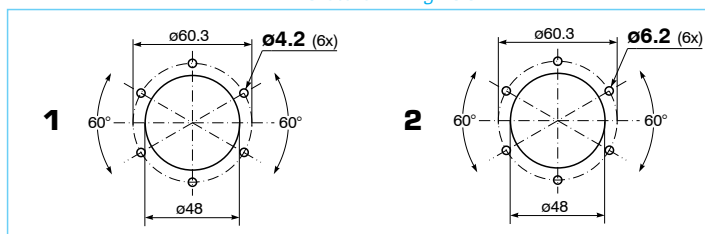
① = schema elettrico - wiring diagram



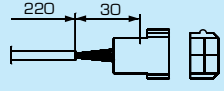
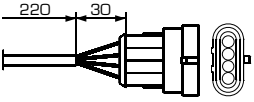
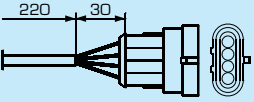
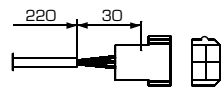
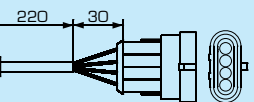
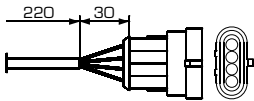
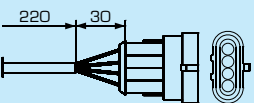
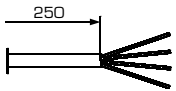
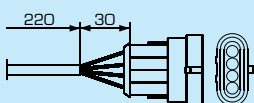
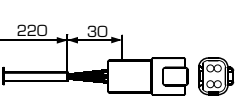
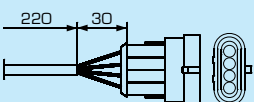
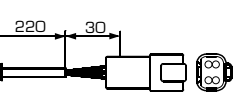
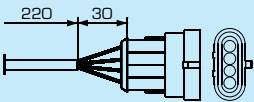
☐ = tabella valore ohmico - ohmic value table

1	0	1/4	1/2	4/4
	335 ÷ 285	-	135 ÷ 100	25 ÷ 0
2	0	1/4	1/2	4/4
	70	-	-	10
3	0	1/4	1/2	4/4
	3	-	85	180

● = foratura - fixing hole



P/N	L	0	☒	1/4	1/2	3/4	4/4	VOLT	①	☐	●	MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.331.000	170	20	40	55	90	120	130	12	1	1	1				27.0906.0000
29.0537.0000	245	20	40	55	110	160	205	12	1	1	1				27.0905.0000

P/N	L	O		1/4	1/2	3/4	4/4	VOLT				MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.364.000	332	20	40	75	150	225	292	12	1	1	1				30.16.02211 30.17.03508
29.0525.0000	363	20	60		151		323	24	1	1	2				27.0906.0000
29.0524.0000	422	20	66		174		390	24	1	1	2				27.0906.0000
29.365.000	455	20	91	170	251	320	393	12	1	1	1				30.16.02211 30.17.03508
29.394.000	510	20	60	120	240	360	470	12	1	1	1	X			27.0906.0000
29.352.000	553	20	63	133	263	393	513	12	1	1	1	X			26.0906.0000
29.0572.0000	553	20	63	133	263	393	513	12	1	1	1	X			27.0906.0000
29.0428.0000	553	20	63	133	263	393	513	12	1	1	1	X			
29.0551.0000	533	20	80	140	270	410	490	24	1	2	1	X			27.0906.0000
29.0424.0000	553	20	178	219	332	432	514	12	1	1	1	X			27.0907.0000
29.355.000	728	20	63	173	348	518	688	12	1	1	1	X			27.0906.0000
29.348.000	800	20	63	175	330	545	790	12	1	1	1	X			27.0907.0000
29.330.000	800	20	75	150	315	515	760	12	1	1	1				27.0906.0000

• Sensori di livello carburante

Materiale flangia: termopolimero

Materiale tubo: alluminio

Combustibile gasolio

Tensione di alimentazione: 9 - 16V o 20 - 28V

Corrente assorbita: 20 mA

Carico max pilotabile (sul segnale positivo)

12V - 1,2W 24V - max 3W

• Fuel level senders

Flange material: technopolymer

Tube material: aluminium

Diesel fuel

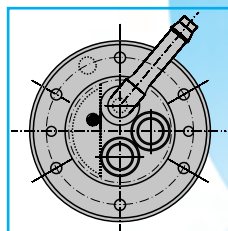
Power supply voltage: 9 - 16V or 20 - 28V

Current consumption: 20 mA

Max current load (on the positive signal)

12V - 1,2W 24V - max 3W

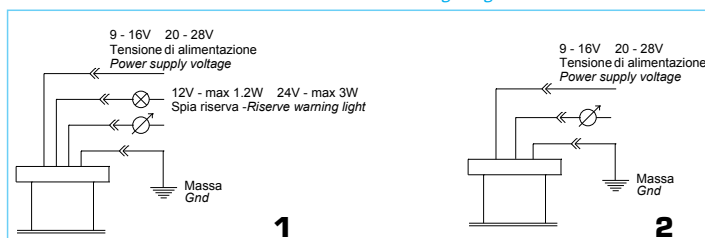
CAPACITIVE TECHNOLOGY



Tubi - Pipes n°1



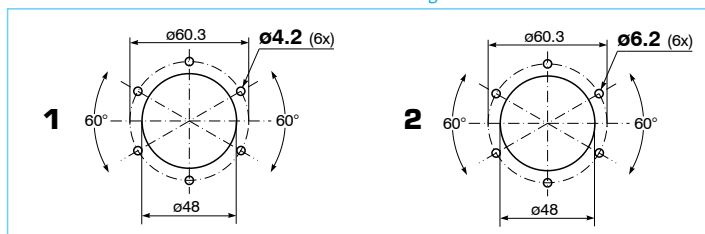
① = schema elettrico - wiring diagram



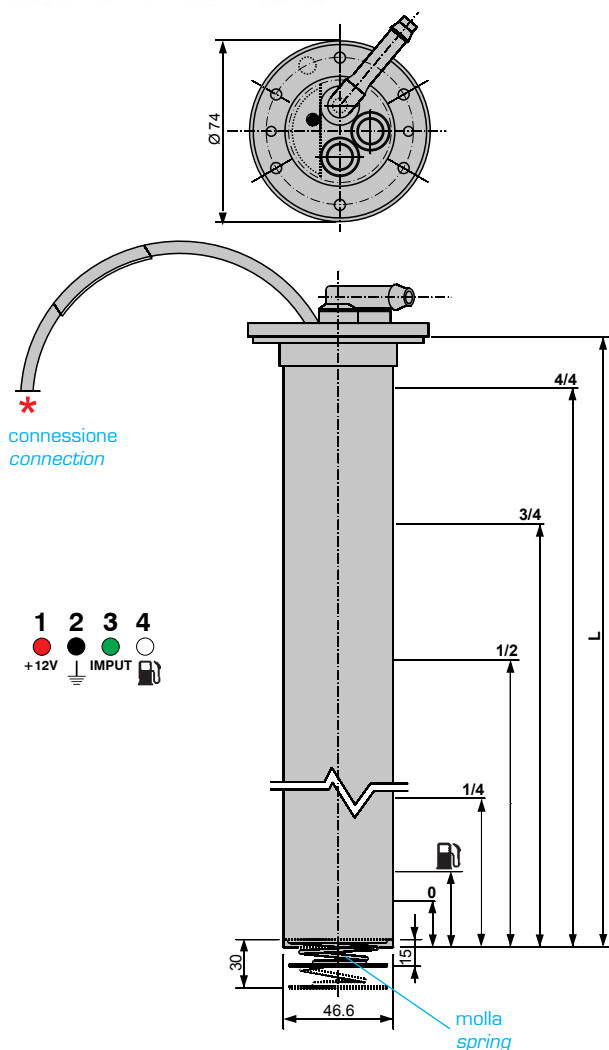
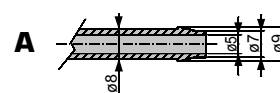
⊗ = tabella valore ohmico - ohmic value table

	0	1/4	1/2	4/4
1	335 ÷ 285	-	135 ÷ 100	25 ÷ 0

⊗ = Foratura - Fixing hole



Tipo di tubo - Pipe type



P/N	L	O	⊗	1/4	1/2	3/4	4/4	VOLT	①	⊗	⊗	MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.0613.0000	262	20	43	59	118	171	222	24	1	1	1			A	27.0906.0000
29.340.000	358	20	45	105	165	234	305	12	1	1	1			A	27.0906.0000

• Sensori di livello carburante

Materiale flangia: termopolimero

Materiale tubo: alluminio

Combustibile gasolio

Tensione di alimentazione: 9 - 16V o 20 - 28V

Corrente assorbita: 20 mA

Carico max pilotabile (sul segnale positivo)

12V - 1,2W 24V - max 3W

• Fuel level senders

Flange material: technopolymer

Tube material: aluminium

Diesel fuel

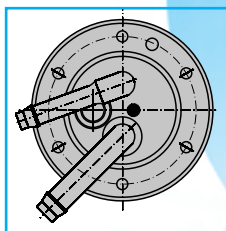
Power supply voltage: 9 - 16V or 20 - 28V

Current consumption: 20 mA

Max current load (on the positive signal)

12V - 1,2W 24V - max 3W

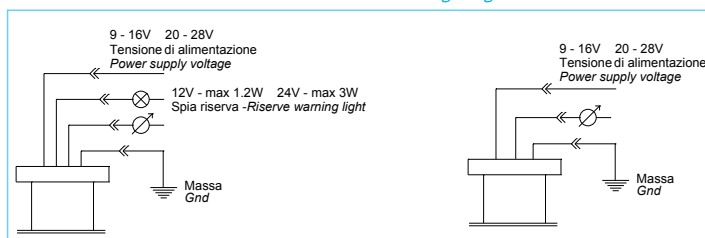
CAPACITIVE TECHNOLOGY



Tubi - Pipes n°2



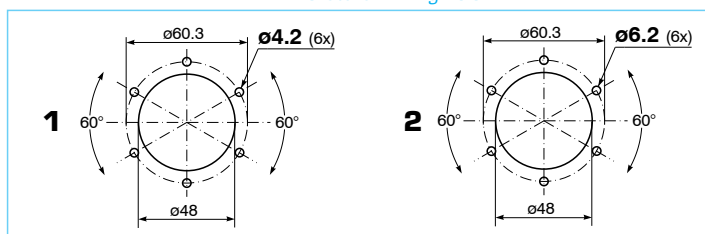
① = schema elettrico - wiring diagram



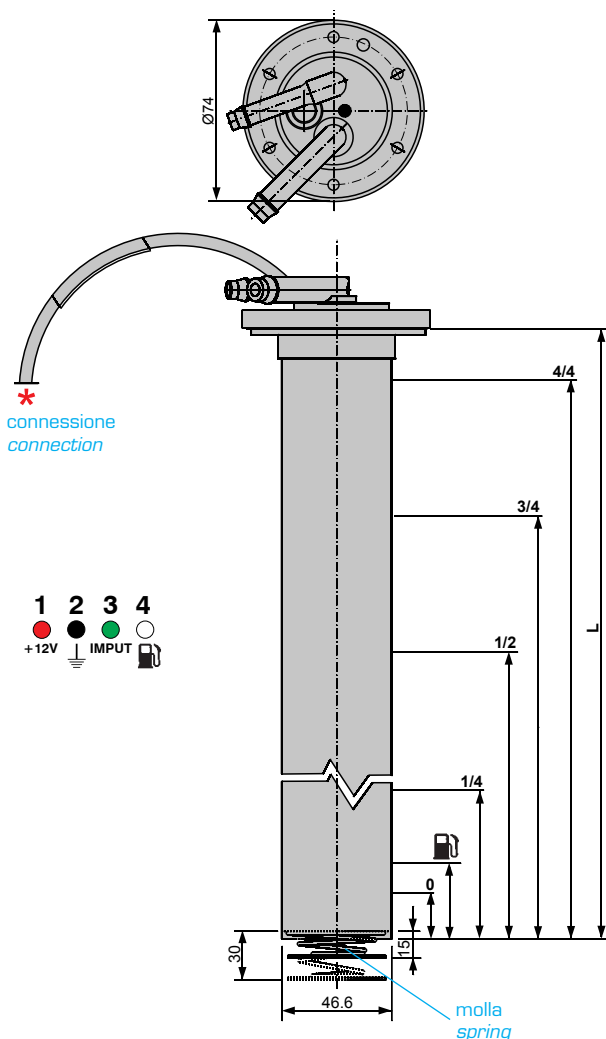
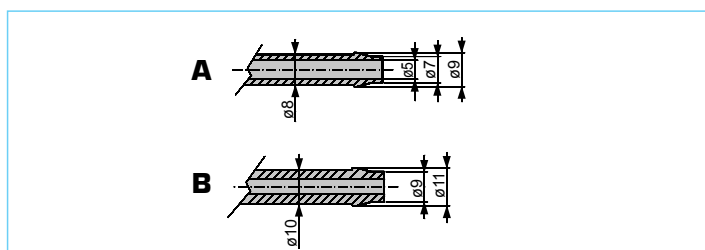
② = tabella valore ohmico - ohmic value table

	0	1/4	1/2	4/4
1	335 ÷ 285	-	135 ÷ 100	25 ÷ 0

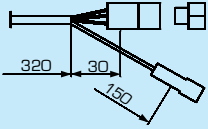
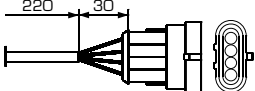
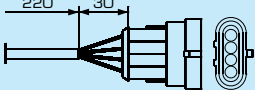
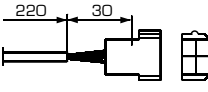
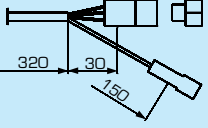
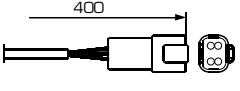
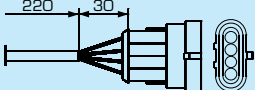
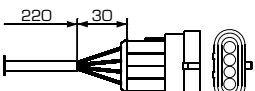
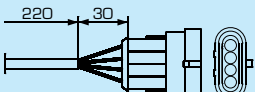
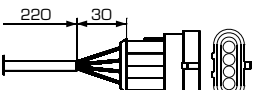
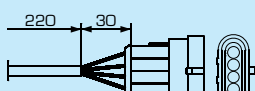
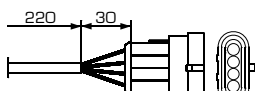
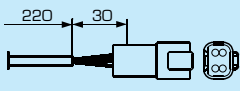
③ = Foratura - Fixing hole

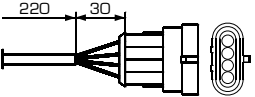
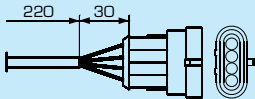
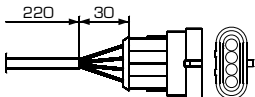
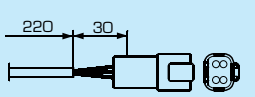
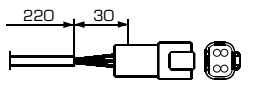
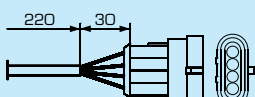
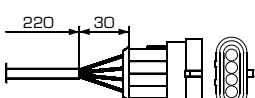
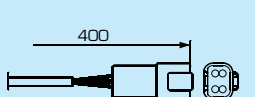
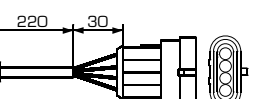


Tipo di tubo - Pipe type



P/N	L	0	③	1/4	1/2	3/4	4/4	VOLT	①	②	③	MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.392.000	170	20	40	55	90	120	130	12	1	1	1			A+B	30.16.02714 30.16.02312 30.17.03508
29.0635.0000	200	20	38	55	90	125	160	12	1	1	1			A+B	27.0906.0000

P/N	L	O		1/4	1/2	3/4	4/4	VOLT				MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.326.000	245	20	40	55	110	160	205	12	1	1	1			A+B	30.16.02714 30.16.02312 30.17.03508
29.0641.0000	263	20	40	55	110	165	223	12	1	1	2			A+B	27.0906.0000
29.0608.0000	263	20	45	55	110	165	223	12	1	1	1	X		A+B	27.0906.0000
29.397.000	332	20	40	75	150	225	292	12	1	1	1			A+B	30.16.02211 30.17.03508
29.399.000	358	20	45	105	165	234	305	12	1	1	1			A+B	30.16.02714 30.16.02312 30.17.03508
29.372.000	450	20	70	110	195	275	410	12	1	1	1	X		A+B	27.0907.0000
29.341.000	455	20	95	180	255	330	405	12	1	1	1	X		A+B	27.0906.0000
29.333.000	477	20	53	113	218	328	437	12	1	1	1	X		A+B	27.0906.0000
29.346.000	553	20	63	133	253	383	493	12	1	1	1	X		A+A	27.0906.0000
29.0576.0000	553	20	63	133	263	393	513	12	1	1	2	X		A+B	27.0906.0000
29.332.000	553	20	63	133	263	393	513	12	1	1	1	X		A+B	27.0906.0000
29.367.000	553	20	63	133	263	393	513	24	1	1	1	X		A+B	27.0906.0000
29.402.000	553	20	178	219	332	432	514	12	1	1	1	X		A+B	27.0907.0000

P/N	L	O		1/4	1/2	3/4	4/4	VOLT				MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.0577.0000	605	20	63	154	305	456	590	24	1	1	1	X		A+B	27.0906.0000
29.336.000	653	20	63	158	313	468	613	12	1	1	1	X		A+B	27.0906.0000
29.337.000	728	20	63	173	348	518	688	12	1	1	1	X		A+A	27.0906.0000
29.335.000	800	20	60	175	330	545	790	12	1	1	1	X		A+B	27.0907.0000
29.403.000	800	20	195	318	503	639	760	12	1	1	1	X		A+B	27.0907.0000
29.338.000	853	20	78	208	413	618	813	12	1	1	1	X		A+B	27.0906.0000
29.0584.0000	870	20	60	175	330	545	790	12	1	1	1	X		A+B	27.0906.0000
29.378.000	900	20	110	240	410	645	860	24	1	1	1	X		A+B	27.0907.0000
29.339.000	953	20	78	233	463	693	913	12	1	1	1	X		A+B	27.0906.0000

• Sensori di livello carburante

Materiale flangia: termopolimero

Materiale tubo: alluminio

Combustibile gasolio

Tensione di alimentazione: 9 - 16V o 20 - 28V

Corrente assorbita: 20 mA

Carico max pilotabile (sul segnale positivo)

12V - 1,2W 24V - max 3W

• Fuel level senders

Flange material: technopolymer

Tube material: aluminium

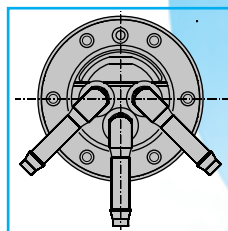
Diesel fuel

Power supply voltage: 9 - 16V or 20 - 28V

Current consumption: 20 mA

Max current load (on the positive signal)

12V - 1,2W 24V - max 3W

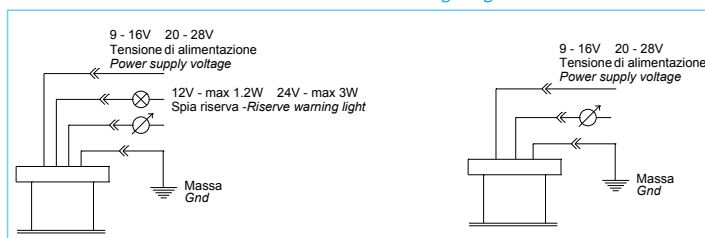


Tubi - Pipes n°3

CAPACITIVE TECHNOLOGY



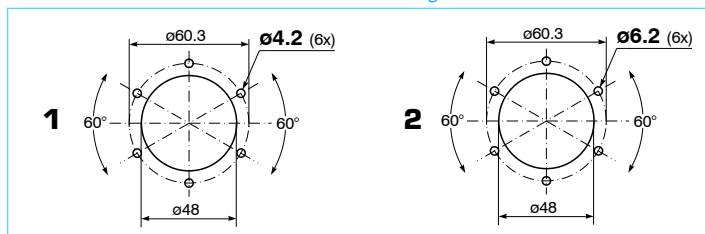
① = schema elettrico - wiring diagram



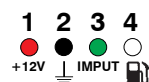
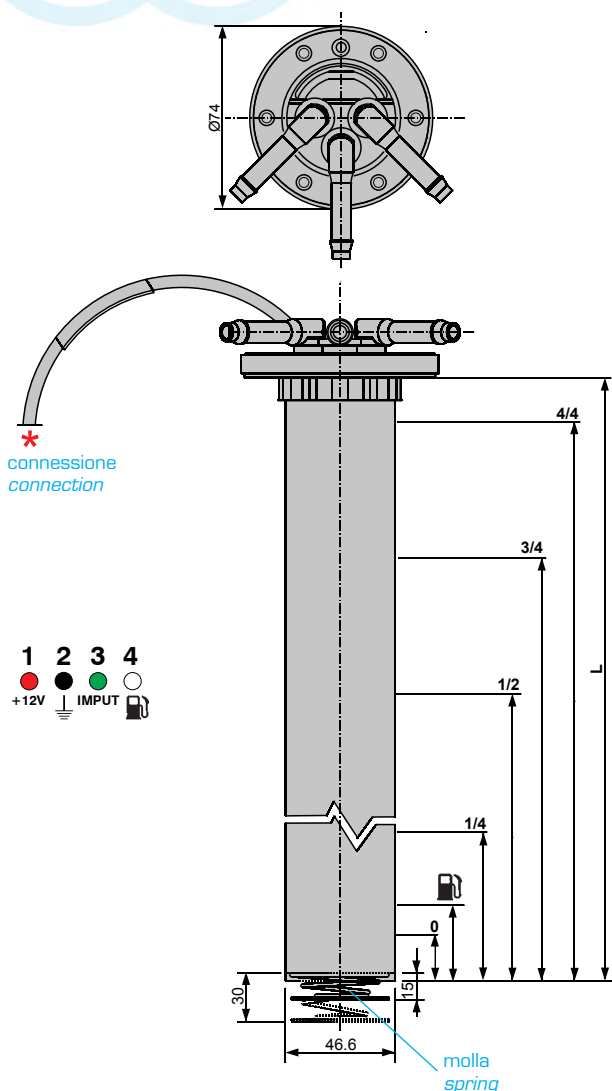
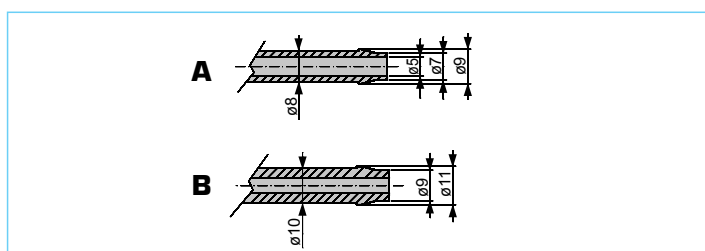
② = tabella valore ohmico - ohmic value table

	0	1/4	1/2	4/4
1	335 ± 285	-	135 ± 100	25 ± 0

③ = Foratura - Fixing hole



Tipo di tubo - Pipe type



P/N	L	0	Fuel	1/4	1/2	3/4	4/4	VOLT	①	②	③	MOLLA SPRING	CONNESSIONE * CONNECTION	TIPO DI TUBO PIPE TYPE	OPT. DI CONNESSIONE CONNECTION OPT.
29.0636.0000	200	20	38	55	90	125	160	12	1	1	1			A+A+A	27.0908.0000
29.0451.0000	430	20	30	61	181	299	413	12	1	1	1	X		A+A+A	27.0906.0000

• Sensori di livello a tubo per motocicli

Materiale flangia: tecnopolimero

Materiale tubo: alluminio

Tensione di alimentazione: 5V

Carico max: 70mA

Connessione elettrica: SUMITOMO 2 vie

Temperatura di funzionamento: $-20^{\circ} \div +80^{\circ} \text{C}$

Compatibile con tutte le scale ohmiche esistenti

Possibilità di personalizzazione dei valori ohmici

• Tube fuel level senders for motorcycles

Flange material: technopolymer

Tube material: aluminium

Power supply voltage: 5V

Max load: 70mA

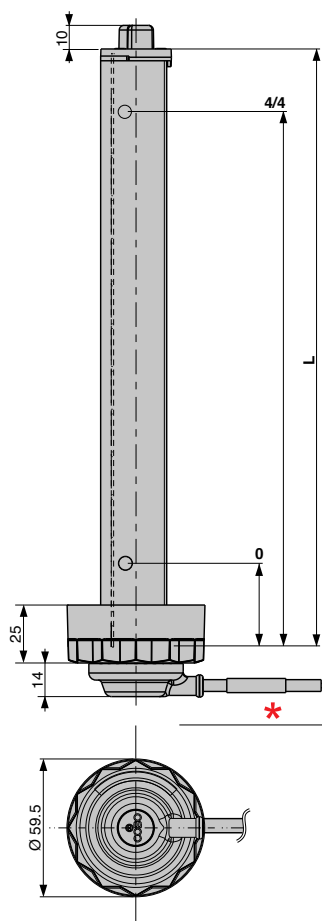
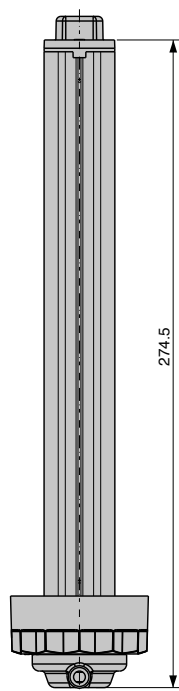
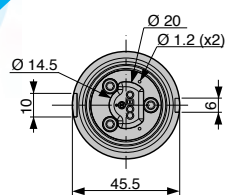
Electrical connection: 2 pins SUMITOMO

Operating temperature: $-20^{\circ} \text{C} \div +80^{\circ} \text{C}$

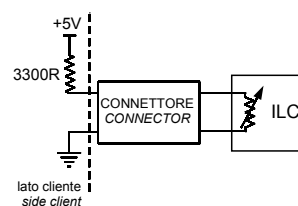
Compatible with all existing ohmic scales

Possibility of customizing the ohmic values

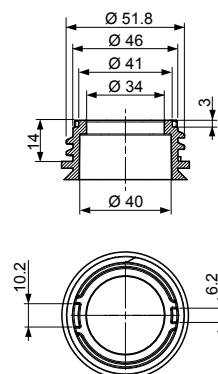
**REED
TECHNOLOGY**



① = schema elettrico - wiring diagram



☐ = Foratura - Fixing hole



P/N	L	O	4/4	LUNGHEZZA CABLAGGIO * CABLE LENGTH	MASSIMA INCLINAZIONE AMMISSIBILE MAXIMUM PERMISSIBLE INCLINATION
29.0667.0000	253	35	226,5	130	30°
29.0668.0000	269	39	242	130	25°
29.0672.0000	303	35	276	130	35°
29.0670.0000	325	41	298	315	25°

• Sensori di livello a tubo per motocicli

Materiale flangia: tecnopolimero

Materiale tubo: alluminio

Tensione di alimentazione: 9 - 16V

Carico max: 70mA

Connessione elettrica: SUMITOMO 2 vie

Temperatura di funzionamento: $-20^{\circ} \div +80^{\circ} \text{ C}$

Compatibile con tutte le scale ohmiche esistenti

Possibilità di personalizzazione dei valori ohmici

• Tube fuel level senders for motorcycles

Flange material: technopolymer

Tube material: aluminium

Power supply voltage: 9 - 16V

Max load: 70mA

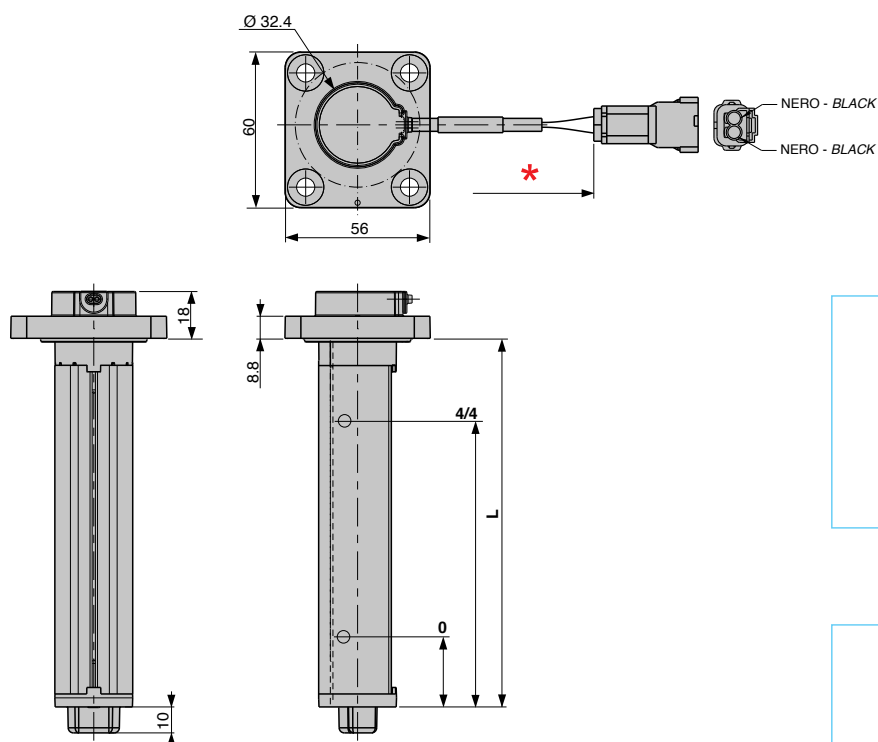
Electrical connection: 2 pins SUMITOMO

Operating temperature: $-20^{\circ} \text{ C} \div +80^{\circ} \text{ C}$

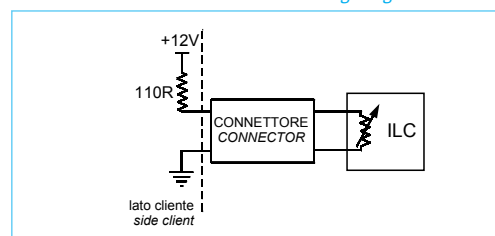
Compatible with all existing ohmic scales

Possibility of customizing the ohmic values

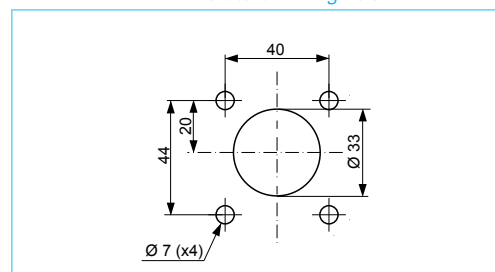
**REED
TECHNOLOGY**



① = schema elettrico - wiring diagram



⊙ = Foratura - Fixing hole



P/N	L	O	4/4	LUNGHEZZA CABLAGGIO * CABLE LENGTH	INCLINAZIONE INCLINATION
29.0633.0000	142	27	110	120	35°

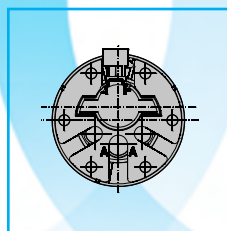
• Sensori di livello a tubo

Materiale flangia: tecnopolimero
Materiale tubo: alluminio
Tensione di alimentazione: 9 - 28V
Carico max: 70mA
Raccordi di aspirazione e scarico orientabili o fissi
Filtro di aspirazione con maglie da 0.8mm
Connessione elettrica integrata S/SEAL 3 vie
Compatibile con tutte le scale ohmiche esistenti
Possibilità di personalizzazione dei valori ohmici
Compatibile con carburante Benzina, Gasolio e Biodiesel

• Tube fuel level senders

Flange material: Technopolymer
Tube material: aluminium
Power supply voltage: 9 - 28V
Max load: 70mA
Rotary or fixed intake and return pipes
Intake filter with 0.8mm meshes
Integrated electrical connection S/SEAL 3 pins
Compatible with all existing ohmic scales
Possibility of customizing the ohmic values
Compatible with Petrol, Diesel and Biodiesel fuels

FLOATING TECHNOLOGY



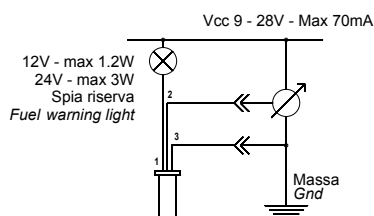
Tubi - Pipes n°0



① = schema elettrico - wiring diagram

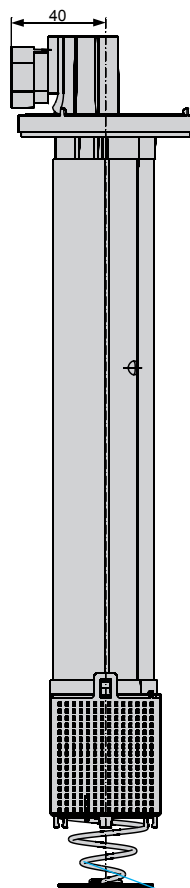
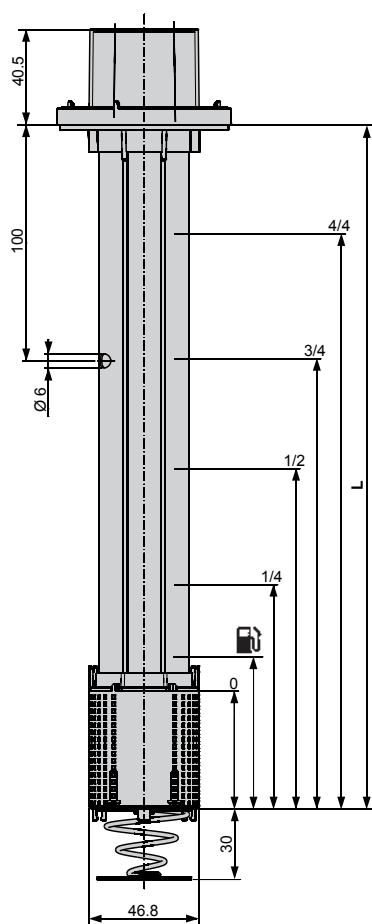
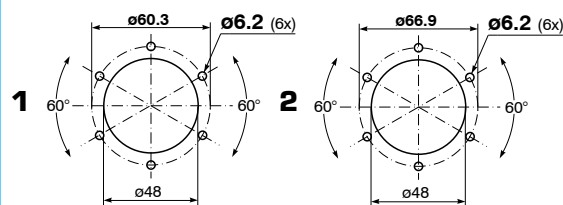
☐ = tabella valore ohmico - ohmic value table

⬢ = foratura - fixing hole

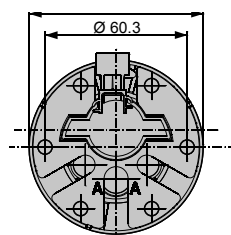
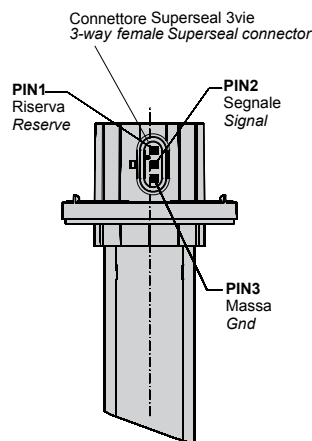


	0	1/4	1/2	4/4
1	315 ÷ 345	185 ÷ 225	108 ÷ 128	≥7

	0	1/4	1/2	4/4
2	0 ÷ 7	33 ÷ 41	66 ÷ 83	175 ÷ 215



molla spring



P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1011.0000*	95		43								1	1			27.0905.0000
29.1113.0000*	95		43								1	2			27.0905.0000
29.1015.0000*	114		45								1	1			27.0905.0000
29.1117.0000*	114		45								1	2			27.0905.0000
29.1019.0000*	125		27								1	1			27.0905.0000
29.1121.0000*	125		27								1	2			27.0905.0000
29.1023.0000*	132		39								1	1			27.0905.0000
29.1125.0000*	132		39								1	2			27.0905.0000
29.1026.0000	139	40	45	50	55	60	95				1	1			27.0905.0000
29.1129.0000*	139		45								1	2			27.0905.0000
29.1030.0000	152	35	45	55	75	95	105				1	1			27.0905.0000
29.1133.0000*	152		45								1	2			27.0905.0000
29.1034.0000	164	35	45	55	75	95	120				1	1			27.0905.0000
29.1137.0000*	164		45								1	2			27.0905.0000
29.1038.0000	176	35	45	55	75	95	130				1	1			27.0905.0000
29.1141.0000*	176		45								1	2			27.0905.0000
29.1042.0000	186	44	46	65	85	115	140				1	1			27.0905.0000
29.1145.0000*	186		46								1	2			27.0905.0000
29.1045.0000	200	44	46	65	85	115	155				1	1			27.0905.0000
29.1149.0000*	200		46								1	2			27.0905.0000
29.1049.0000	210	44	46	65	85	115	165				1	1			27.0905.0000
29.1153.0000*	210		46								1	2			27.0905.0000
29.1053.0000	244	45	50	85	115	160	200				1	1			27.0905.0000
29.1157.0000*	244		50								1	2			27.0905.0000
29.1057.0000*	256		50								1	1			27.0905.0000
29.1161.0000*	256		50								1	2			27.0905.0000
29.1061.0000	268	45	50	85	115	160	225				1	1			27.0905.0000
29.1321.0000	268	45	50	85	115	160	225				2	1			27.0905.0000
29.1165.0000*	268		50								1	2			27.0905.0000
29.1065.0000*	285		70								1	1			27.0905.0000
29.1169.0000*	285		70								1	2			27.0905.0000
29.1007.0000	290	55	70	100	140	200	245				1	1			27.0905.0000
29.1173.0000*	290		70								1	2			27.0905.0000
29.1071.0000*	326		60								1	1			27.0905.0000
29.1177.0000*	326		60								1	2			27.0905.0000
29.1075.0000	345	50	60	110	160	240	300				1	1			27.0905.0000

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1181.0000*	345		60								1	2			27.0905.0000
29.1079.0000*	355		60								1	1			27.0905.0000
29.1184.0000*	355		60								1	2			27.0905.0000
29.1083.0000	367	40	60	110	170	255	320				1	1			27.0905.0000
29.1188.0000*	367		60								1	2			27.0905.0000
29.1086.0000	374	55	80	120	190	265	330				1	1			27.0905.0000
29.1192.0000*	374		80								1	2			27.0905.0000
29.1224.0000	400	55	80	120	190	265	355				1	1			27.0905.0000
29.1244.0000*	400		80								1	2			27.0905.0000
29.1090.0000*	413		55								1	1			27.0905.0000
29.1196.0000*	413		55								1	2			27.0905.0000
29.1094.0000*	425		55								1	1			27.0905.0000
29.1200.0000*	425		55								1	2			27.0905.0000
29.1097.0000	452	50	80	115	175	295	405				1	1	X		27.0905.0000
29.1204.0000*	452		80								1	2	X		27.0905.0000
29.1220.0000	463	50	80	115	175	295	415				1	1	X		27.0905.0000
29.1220.5000	463	50	80	115	175	295	415				1	1	X	180 mm S/SEAL 4 vie/pins	27.0905.0000
29.1248.0000*	463		80								1	2	X		27.0905.0000
29.1794.0000	476	50	80	115	175	295	430				1	1	X		27.0905.0000
29.1101.0000	504	75	85	170	260	385	460				1	1	X		27.0905.0000
29.1208.0000*	504		85								1	2	X		27.0905.0000
29.1212.0000*	516		85								1	2	X		27.0905.0000
29.1105.0000	516	75	85	170	260	385	470				1	1	X		27.0905.0000
29.1109.0000	553	70	85	175	280	420	510				1	1	X		27.0905.0000
29.1216.0000*	553		85								1	2	X		27.0905.0000
29.1228.0000	600	70	95	190	330	480	555				1	1	X		27.0905.0000
29.1228.5000	600	70	95	190	330	480	555				1	1	X	250 mm ITT CANNON SURE S/SEAL 3 vie/pins	27.0905.0000
29.1253.0000*	600		95								1	2	X		27.0905.0000
29.1232.0000	650	70	105	195	340	485	605				1	1	X		27.0905.0000
29.1257.0000*	650		105								1	2	X		27.0905.0000

* Disponibile su richiesta, contattare il nostro ufficio commerciale - Available on request, please check with our commercial office

• Sensori di livello a tubo

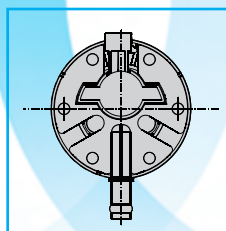
Materiale flangia: tecnopolimero
 Materiale tubo: alluminio
 Tensione di alimentazione: 9 - 28V
 Carico max: 70mA
 Raccordi di aspirazione e scarico orientabili o fissi
 Filtro di aspirazione con maglie da 0.8mm
 Connessione elettrica integrata S/SEAL 3 vie
 Compatibile con tutte le scale ohmiche esistenti
 Possibilità di personalizzazione dei valori ohmici
 Compatibile con carburante Benzina, Gasolio e Biodiesel

• Tube fuel level senders

Flange material: Technopolymer
 Tube material: aluminium
 Power supply voltage: 9 - 28V
 Max load: 70mA
 Rotary or fixed intake and return pipes
 Intake filter with 0.8mm meshes
 Integrated electrical connection S/SEAL 3 ways
 Compatible with all existing ohmic scales
 Possibility of customizing the ohmic values
 Compatible with Petrol, Diesel and Biodiesel fuels



FLOATING TECHNOLOGY

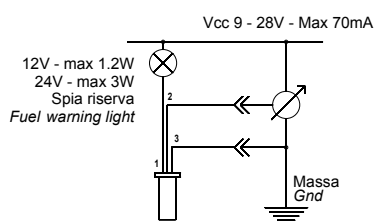


Tubi - Pipes n°1

⚡ = schema elettrico - wiring diagram

📊 = tabella valore ohmico - ohmic value table

🔧 = foratura - fixing hole

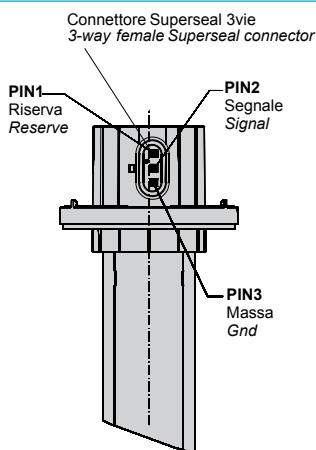
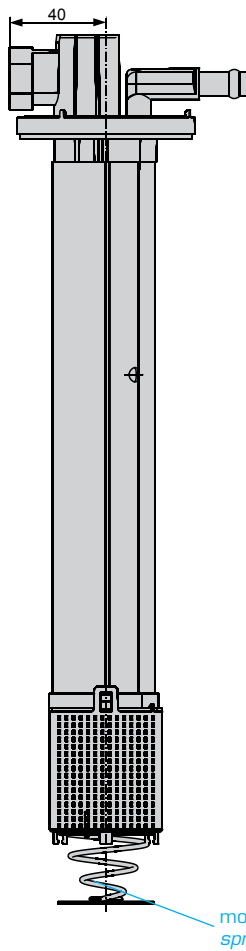
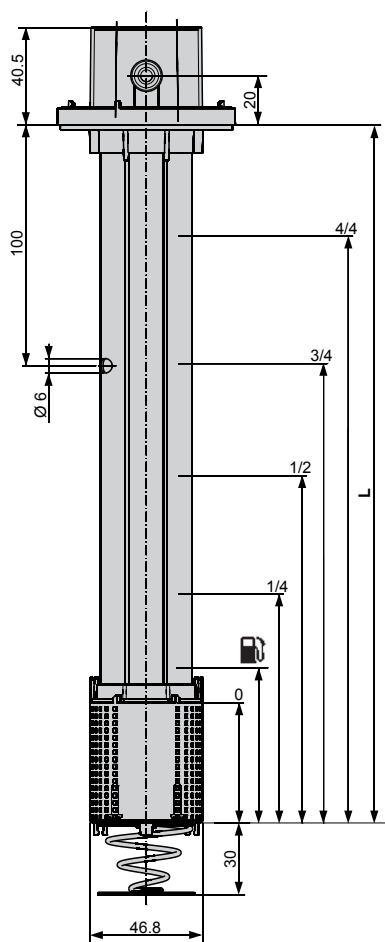
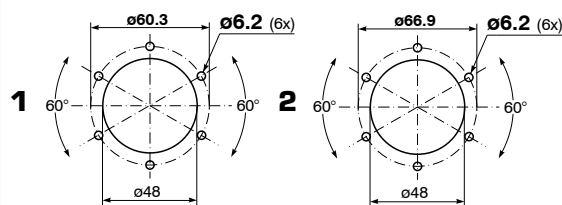


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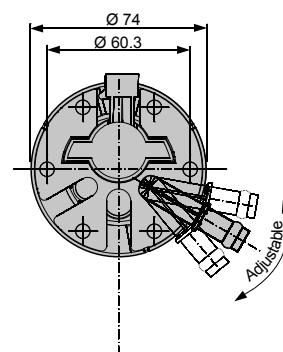
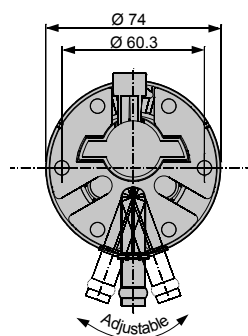
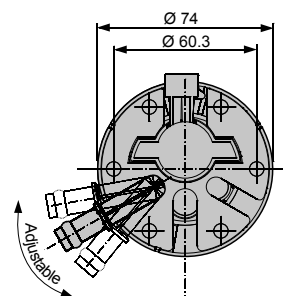
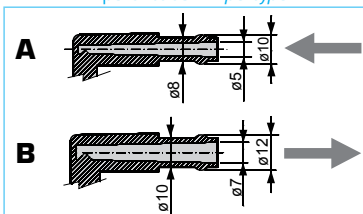
0	1/4	1/2	4/4
315 ÷ 345	185 ÷ 225	108 ÷ 128	≥7

2

0	1/4	1/2	4/4
0 ÷ 7	33 ÷ 41	66 ÷ 83	175 ÷ 215



Tipo di tubo - Pipe type



molla spring

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1008.0000*	95		43						B		1	1			27.0905.0000
29.1110.0000*	95		43						B		1	2			27.0905.0000
29.1012.0000*	114		45						B		1	1			27.0905.0000
29.1114.0000*	114		45						B		1	2			27.0905.0000
29.1016.0000*	125		27						B		1	1			27.0905.0000
29.1118.0000*	125		27						B		1	2			27.0905.0000
29.1020.0000*	132		39						B		1	1			27.0905.0000
29.1122.0000*	132		39						B		1	2			27.0905.0000
29.1024.0000*	139		45						B		1	1			27.0905.0000
29.1126.0000*	139		45						B		1	2			27.0905.0000
29.1027.0000*	152		45						B		1	1			27.0905.0000
29.1130.0000*	152		45						B		1	2			27.0905.0000
29.1031.0000*	164		45						B		1	1			27.0905.0000
29.1134.0000*	164		45						B		1	2			27.0905.0000
29.1035.0000*	176		45						B		1	1			27.0905.0000
29.1138.0000*	176		45						B		1	2			27.0905.0000
29.1039.0000*	186		46						B		1	1			27.0905.0000
29.1142.0000*	186		46						B		1	2			27.0905.0000
29.1043.0000*	200		46						B		1	1			27.0905.0000
29.1146.0000*	200		46						B		1	2			27.0905.0000
29.1046.0000*	210		46						B		1	1			27.0905.0000
29.1150.0000*	210		46						B		1	2			27.0905.0000
29.1050.0000*	244		50						B		1	1			27.0905.0000
29.1154.0000*	244		50						B		1	2			27.0905.0000
29.1054.0000*	256		50						B		1	1			27.0905.0000
29.1158.0000*	256		50						B		1	2			27.0905.0000
29.1058.0000	268	45	50	85	115	160	225		B		1	1			27.0905.0000
29.1162.0000*	268		50						B		1	2			27.0905.0000
29.1062.0000	285	50	70	90	135	175	240		B		1	1			27.0905.0000
29.1166.0000*	285		70						B		1	2			27.0905.0000
29.1066.0000	290	55	70	100	140	200	245		B		1	1			27.0905.0000
29.1170.0000*	290		70						B		1	2			27.0905.0000
29.1068.0000	326	50	60	105	150	225	280		B		1	1			27.0905.0000
29.1174.0000*	326		60						B		1	2			27.0905.0000
29.1072.0000*	345		60						B		1	1			27.0905.0000
29.1178.0000*	345		60						B		1	2			27.0905.0000

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1076.0000*	355		60						B		1	1			27.0905.0000
29.1182.0000*	355		60						B		1	2			27.0905.0000
29.1080.0000*	367		60						B		1	1			27.0905.0000
29.1185.0000*	367		60						B		1	2			27.0905.0000
29.1084.0000*	374		80						B		1	1			27.0905.0000
29.1189.0000*	374		80						B		1	2			27.0905.0000
29.1221.0000*	400		80						B		1	1			27.0905.0000
29.1241.0000*	400		80						B		1	2			27.0905.0000
29.1087.0000	413	36	55	65	185	335	370		B		1	1			27.0905.0000
29.1193.0000*	413		55						B		1	2			27.0905.0000
29.1091.0000*	425		55						B		1	1			27.0905.0000
29.1197.0000*	425		55						B		1	2			27.0905.0000
29.1095.0000	452	50	80	115	175	295	405		B		1	1	X		27.0905.0000
29.1201.0000*	452		80						B		1	2	X		27.0905.0000
29.1217.0000	463	50	80	115	175	295	415		B		1	1	X		27.0905.0000
29.1245.0000*	463		80						B		1	2	X		27.0905.0000
29.1098.0000*	504		85						B		1	1	X		27.0905.0000
29.1205.0000*	504		85						B		1	2	X		27.0905.0000
29.1556.0000	504	75	85	170	260	385	460	A			1	1	X		27.0905.0000
29.1102.0000*	516		85						B		1	1	X		27.0905.0000
29.1209.0000*	516		85						B		1	2	X		27.0905.0000
29.1106.0000*	553		85						B		1	1	X		27.0905.0000
29.1213.0000*	553		85						B		1	2	X		27.0905.0000
29.1225.0000*	600		95						B		1	1	X		27.0905.0000
29.1250.0000*	600		95						B		1	2	X		27.0905.0000
29.1229.0000*	650		105						B		1	1	X		27.0905.0000
29.1254.0000*	650		105						B		1	2	X		27.0905.0000

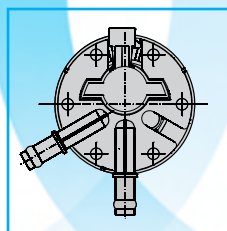
* Disponibile su richiesta, contattare il nostro ufficio commerciale - Available on request, please check with our commercial office

• Sensori di livello a tubo

Materiale flangia: tecnopolimero
 Materiale tubo: alluminio
 Tensione di alimentazione: 9 - 28V
 Carico max: 70mA
 Raccordi di aspirazione e scarico orientabili o fissi
 Filtro di aspirazione con maglie da 0.8mm
 Connessione elettrica integrata S/SEAL 3 vie
 Compatibile con tutte le scale ohmiche esistenti
 Possibilità di personalizzazione dei valori ohmici
 Compatibile con carburante Benzina, Gasolio e Biodiesel

• Tube fuel level senders

Flange material: Technopolymer
 Tube material: aluminium
 Power supply voltage: 9 - 28V
 Max load: 70mA
 Rotary or fixed intake and return pipes
 Intake filter with 0.8mm meshes
 Integrated electrical connection S/SEAL 3 ways
 Compatible with all existing ohmic scales
 Possibility of customizing the ohmic values
 Compatible with Petrol, Diesel and Biodiesel fuels



Tubi - Pipes n°2

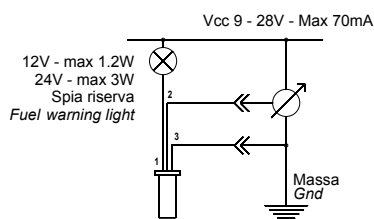


FLOATING TECHNOLOGY

⚡ = schema elettrico - wiring diagram

📊 = tabella valore ohmico - ohmic value table

🔧 = foratura - fixing hole

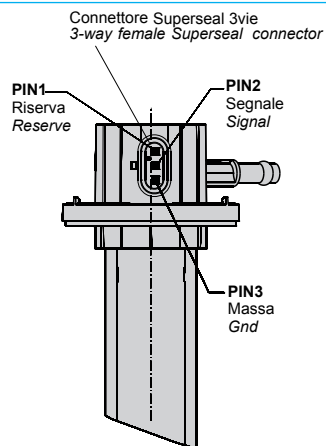
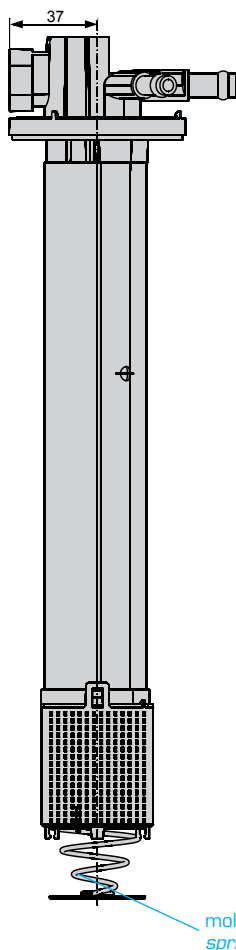
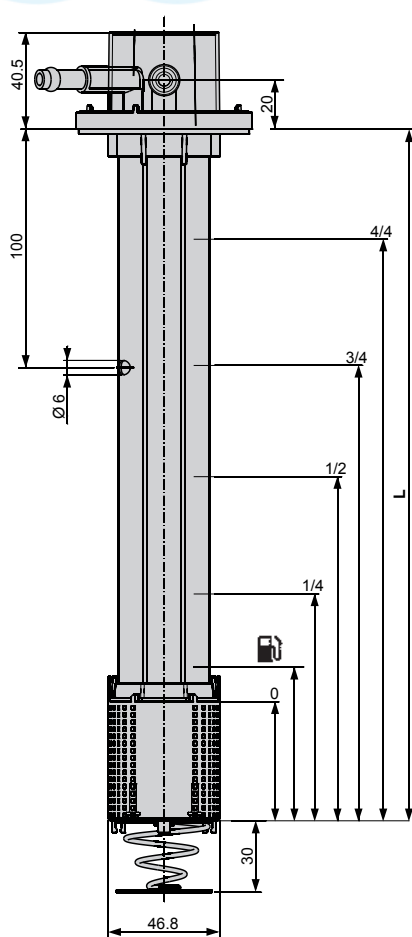
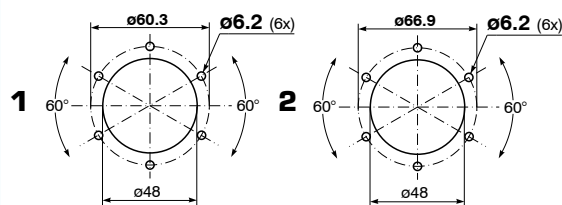


1

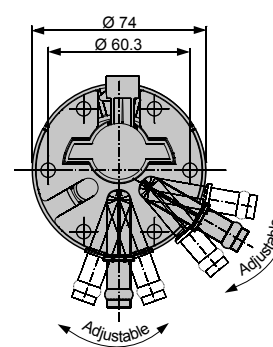
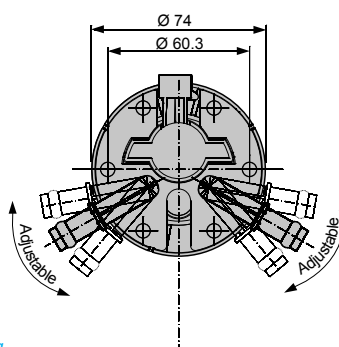
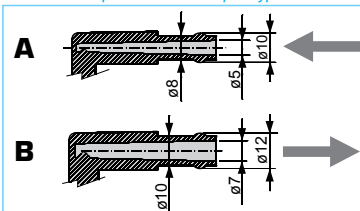
0	1/4	1/2	4/4
315 ÷ 345	185 ÷ 225	108 ÷ 128	≥7

2

0	1/4	1/2	4/4
0 ÷ 7	33 ÷ 41	66 ÷ 83	175 ÷ 215



Tipo di tubo - Pipe type



P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1009.0000	95	39	43		45		50	A	B		1	1			27.0905.0000
29.1111.0000*	95		43					A	B		1	2			27.0905.0000
29.1013.0000	114	40	45	50	55	60	70	A	B		1	1			27.0905.0000
29.1115.0000*	114		45					A	B		1	2			27.0905.0000
29.1017.0000*	125		27					A	B		1	1			27.0905.0000
29.1119.0000*	125		27					A	B		1	2			27.0905.0000
29.1021.0000*	132		39					A	B		1	1			27.0905.0000
29.1123.0000*	132		39					A	B		1	2			27.0905.0000
29.1001.0000	139	40	45	50	55	60	95	A	B		1	1			27.0905.0000
29.1127.0000*	139		45					A	B		1	2			27.0905.0000
29.1028.0000	152	35	45	55	75	95	105	A	B		1	1			27.0905.0000
29.1131.0000*	152		45					A	B		1	2			27.0905.0000
29.1032.0000	164	35	45	55	75	95	120	A	B		1	1			27.0905.0000
29.1135.0000*	164		45					A	B		1	2			27.0905.0000
29.1036.0000*	176		45					A	B		1	1			27.0905.0000
29.1139.0000*	176		45					A	B		1	2			27.0905.0000
29.1040.0000	186	44	46	65	85	115	140	A	B		1	1			27.0905.0000
29.1143.0000*	186		46					A	B		1	2			27.0905.0000
29.1002.0000	200	44	46	65	85	115	155	A	B		1	1			27.0905.0000
29.1147.0000*	200		46					A	B		1	2			27.0905.0000
29.1047.0000	210	44	46	65	85	115	165	A	B		1	1			27.0905.0000
29.1151.0000*	210		46					A	B		1	2			27.0905.0000
29.1051.0000	244	45	50	85	115	160	200	A	B		1	1			27.0905.0000
29.1676.0000	244	45	50	85	115	160	200	A	A		1	1			27.0905.0000
29.1155.0000*	244		50					A	B		1	2			27.0905.0000
29.1055.0000	256	45	50	85	115	160	210	A	B		1	1			27.0905.0000
29.1159.0000*	256		50					A	B		1	2			27.0905.0000
29.1059.0000	268	45	50	85	115	160	225	A	B		1	1			27.0905.0000
29.1163.0000*	268		50					A	B		1	2			27.0905.0000
29.1063.0000	285	50	70	90	135	175	240	A	B		1	1			27.0905.0000
29.1167.0000*	285		70					A	B		1	2			27.0905.0000
29.1004.0000	290	55	70	100	140	200	245	A	B		1	1			27.0905.0000
29.1171.0000*	290		70					A	B		1	2			27.0905.0000
29.2087.0000	302	55	70	100	140	200	255	A	B		1	1			27.0905.0000
29.1069.0000	326	50	60	105	150	225	280	A	B		1	1			27.0905.0000
29.1175.0000*	326		60					A	B		1	2			27.0905.0000

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1073.0000	345	50	60	110	160	240	300	A	B		1	1			27.0905.0000
29.1179.0000 *	345		60					A	B		1	2			27.0905.0000
29.1003.0000	355	40	60	110	170	255	310		B	A	1	2			27.0905.0000
29.1077.0000	355	40	60	110	170	255	310	A	B		1	1			27.0905.0000
29.1081.0000	367	40	60	110	170	255	320	A	B		1	1			27.0905.0000
29.1186.0000 *	367		60					A	B		1	2			27.0905.0000
29.1085.0000	374	55	80	120	190	265	330	A	B		1	1			27.0905.0000
29.1712.0000	374	55	80	120	190	265	330	A	A		1	1			27.0905.0000
29.1190.0000 *	374		80					A	B		1	2			27.0905.0000
29.2044.0000	386	55	80	120	190	265	340	A	B		1	1			27.0905.0000
29.1222.0000	400	55	80	120	190	265	355	A	B		1	1			27.0905.0000
29.1351.0000	400	55	80	120	190	265	355	A	B		2	1			27.0905.0000
29.1606.0000	400	55	80	120	190	265	355		B	A	1	1	X		27.0905.0000
29.1606.5000	400	55	80	120	190	265	355		B	A	1	1	X	250 mm ITT CANNON SURE S/SEAL 3 vie/pins	27.0905.0000
29.1242.0000 *	400		80					A	B		1	2			27.0905.0000
29.1088.0000	413	36	55	65	185	335	370	A	B		1	1	X		27.0905.0000
29.1194.0000 *	413		55					A	B		1	2			27.0905.0000
29.1198.0000 *	425		55					A	B		1	2			27.0905.0000
29.1092.0000	425	36	55	65	185	335	380	A	B		1	1	X		27.0905.0000
29.1359.0000	425	36	55	65	185	335	380	A	B		2	1	X		27.0905.0000
29.1005.0000	452	50	80	115	175	295	405	A	B		1	1	X		27.0905.0000
29.1202.0000 *	452		80					A	B		1	2	X		27.0905.0000
29.1614.0000	452	50	80	115	175	295	405	A	A		1	1	X		27.0905.0000
29.1218.0000	463	50	80	115	175	295	415	A	B		1	1	X		27.0905.0000
29.1246.0000 *	463		80					A	B		1	2	X		27.0905.0000
29.1792.0000	476	50	80	115	175	295	430	A	B		1	1			27.0905.0000
29.1099.0000	504	75	85	170	260	385	460	A	B		1	1	X		27.0905.0000
29.1206.0000 *	504		85					A	B		1	2	X		27.0905.0000
29.1103.0000	516	75	85	170	260	385	470	A	B		1	1	X		27.0905.0000
29.1210.0000 *	516		85					A	B		1	2	X		27.0905.0000
29.1107.0000	553	70	85	175	280	420	510	A	B		1	1	X		27.0905.0000
29.1379.0000	553	70	85	175	280	420	510	A	B		2	1	X		27.0905.0000
29.1748.0000	553	75	170	180	285	425	510	A	B		1	1	X		27.0905.0000
29.1214.0000 *	553		85					A	B		1	2	X		27.0905.0000
29.1226.0000	600	70	95	190	330	480	555	A	B		1	1	X		27.0905.0000
29.1251.0000 *	600		95					A	B		1	2	X		27.0905.0000

* Disponibile su richiesta, contattare il nostro ufficio commerciale - *Available on request, please check with our commercial office*

• Sensori di livello a tubo

Materiale flangia: tecnopolimero

Materiale tubo: alluminio

Tensione di alimentazione: 9 - 28V

Carico max: 70mA

Raccordi di aspirazione e scarico orientabili o fissi

Filtro di aspirazione con maglie da 0.8mm

Connessione elettrica integrata S/SEAL 3 vie

Compatibile con tutte le scale ohmiche esistenti

Possibilità di personalizzazione dei valori ohmici

Compatibile con carburante Benzina, Gasolio e Biodiesel

• Tube fuel level senders

Flange material: Technopolymer

Tube material: aluminium

Power supply voltage: 9 - 28V

Max load: 70mA

Rotary or fixed intake and return pipes

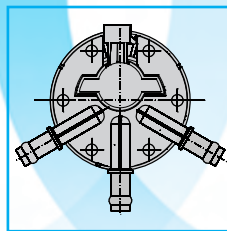
Intake filter with 0.8mm meshes

Integrated electrical connection S/SEAL 3 ways

Compatible with all existing ohmic scales

Possibility of customizing the ohmic values

Compatible with Petrol, Diesel and Biodiesel fuels



Tubi - Pipes n°3

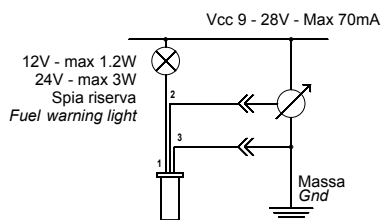


FLOATING TECHNOLOGY

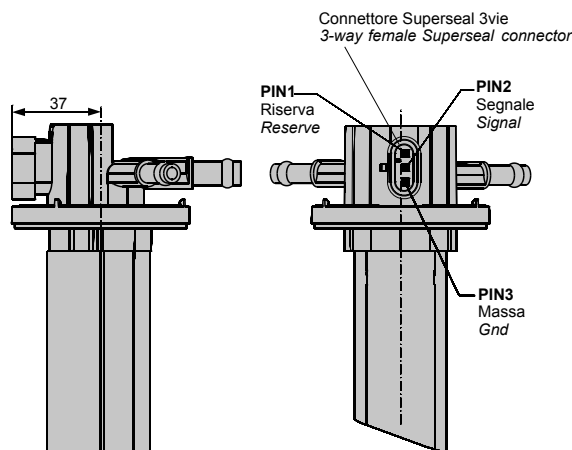
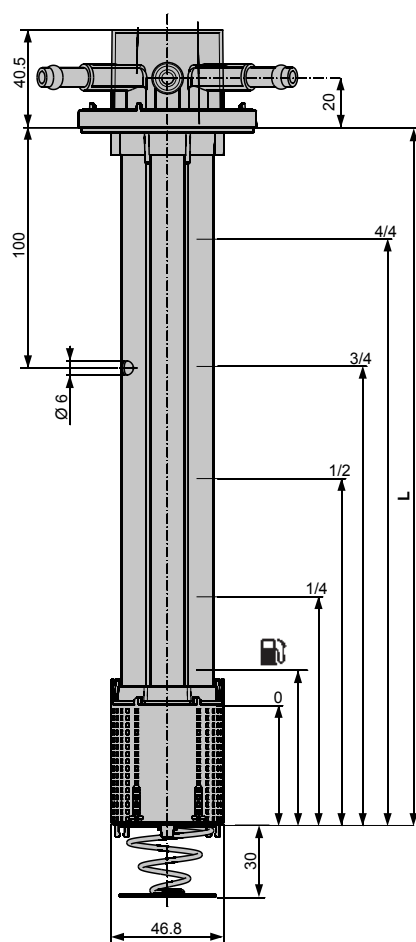
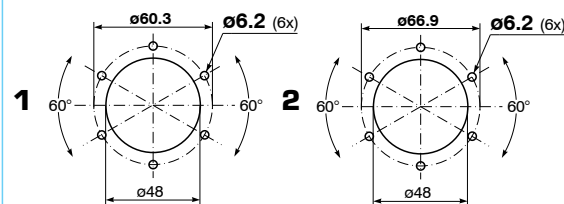
① = schema elettrico - wiring diagram

☐ = tabella valore ohmico - ohmic value table

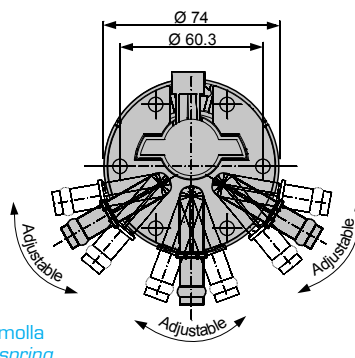
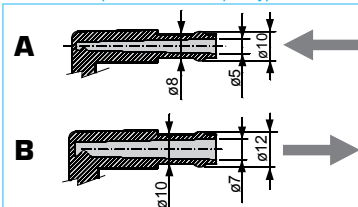
⬢ = foratura - fixing hole



1	315 ÷ 345	185 ÷ 225	108 ÷ 128	≥7	
	0	1/4	1/2	4/4	
2	0 ÷ 7	33 ÷ 41	66 ÷ 83	175 ÷ 215	
	0	1/4	1/2	3/4	4/4
3	250	160	115	40	15



Tipo di tubo - Pipe type



molla
spring

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1010.0000*	95		43					A	B	A	1	1			27.0905.0000
29.1112.0000*	95		43					A	B	A	1	2			27.0905.0000
29.1014.0000*	114		45					A	B	A	1	1			27.0905.0000
29.1116.0000*	114		45					A	B	A	1	2			27.0905.0000
29.1018.0000*	125		27					A	B	A	1	1			27.0905.0000
29.1120.0000*	125		27					A	B	A	1	2			27.0905.0000
29.1022.0000*	132		39					A	B	A	1	1			27.0905.0000
29.1124.0000*	132		39					A	B	A	1	2			27.0905.0000
29.1025.0000*	139		45					A	B	A	1	1			27.0905.0000
29.1128.0000*	139		45					A	B	A	1	2			27.0905.0000
29.1029.0000*	152		45					A	B	A	1	1			27.0905.0000
29.1132.0000*	152		45					A	B	A	1	2			27.0905.0000
29.1033.0000*	164		45					A	B	A	1	1			27.0905.0000
29.1136.0000*	164		45					A	B	A	1	2			27.0905.0000
29.1037.0000	176	35	45	55	75	95	130	A	B	A	1	1			27.0905.0000
29.1140.0000*	176		45					A	B	A	1	2			27.0905.0000
29.1041.0000	186	44	46	65	85	115	140	A	B	A	1	1			27.0905.0000
29.1144.0000*	186		46					A	B	A	1	2			27.0905.0000
29.1044.0000*	200		46					A	B	A	1	1			27.0905.0000
29.1148.0000*	200		46					A	B	A	1	2			27.0905.0000
29.1048.0000	210	44	46	65	85	115	165	A	B	A	1	1			27.0905.0000
29.1152.0000*	210		46					A	B	A	1	2			27.0905.0000
29.1052.0000	244	45	50	85	115	160	200	A	B	A	1	1			27.0905.0000
29.1156.0000*	244		50					A	B	A	1	2			27.0905.0000
29.1056.0000*	256		50					A	B	A	1	1			27.0905.0000
29.1160.0000*	256		50					A	B	A	1	2			27.0905.0000
29.1060.0000*	268		50					A	B	A	1	1			27.0905.0000
29.1164.0000*	268		50					A	B	A	1	2			27.0905.0000
29.1064.0000*	285		70					A	B	A	1	1			27.0905.0000
29.1168.0000*	285		70					A	B	A	1	2			27.0905.0000
29.1067.0000	290	55	70	100	140	200	245	A	B	A	1	1			27.0905.0000
29.1172.0000*	290		70					A	B	A	1	2			27.0905.0000
29.1070.0000*	326		60					A	B	A	1	1			27.0905.0000
29.1176.0000*	326		60					A	B	A	1	2			27.0905.0000
29.1074.0000	345	50	60	110	160	240	300	A	B	A	1	1			27.0905.0000
29.1180.0000*	345		60					A	B	A	1	2			27.0905.0000

P/N								POS. E TIPO DI TUBI POS. AND TYPE OF PIPES					MOLLA SPRING	CABLAGGIO WIRING	OPT. DI CONNESSIONE CONNECTION OPT.
	L	O		1/4	1/2	3/4	4/4	LH	CENTER	RH					
29.1078.0000*	355		60					A	B	A	1	1			27.0905.0000
29.1183.0000*	355		60					A	B	A	1	2			27.0905.0000
29.1082.0000*	367		60					A	B	A	1	1			27.0905.0000
29.1187.0000*	367		60					A	B	A	1	2			27.0905.0000
29.1000.0000	374	55	80	120	190	265	330	A	B	A	1	1			27.0905.0000
29.1713.0000	374	55	80	120	190	265	330	A	A	A	1	1			27.0905.0000
29.1191.0000*	374		80					A	B	A	1	2			27.0905.0000
29.1223.0000*	400		80					A	B	A	1	1			27.0905.0000
29.1243.0000*	400		80					A	B	A	1	2			27.0905.0000
29.1089.0000*	413		55					A	B	A	1	1			27.0905.0000
29.1195.0000*	413		55					A	B	A	1	2			27.0905.0000
29.1093.0000*	425		55					A	B	A	1	1			27.0905.0000
29.1199.0000*	425		55					A	B	A	1	2			27.0905.0000
29.1096.0000*	452		80					A	B	A	1	1	X		27.0905.0000
29.1203.0000*	452		80					A	B	A	1	2	X		27.0905.0000
29.1219.0000*	463		80					A	B	A	1	1	X		27.0905.0000
29.1247.0000*	463		80					A	B	A	1	2	X		27.0905.0000
29.1100.0000*	504		85					A	B	A	1	1	X		27.0905.0000
29.1207.0000*	504		85					A	B	A	1	2	X		27.0905.0000
29.1104.0000*	516		85					A	B	A	1	1	X		27.0905.0000
29.1211.0000*	516		85					A	B	A	1	2	X		27.0905.0000
29.1108.0000	553	70	85	175	280	420	510	A	B	A	1	1	X		27.0905.0000
29.1215.0000*	553		85					A	B	A	1	2	X		27.0905.0000
29.1227.0000*	600		95					A	B	A	1	1	X		27.0905.0000
29.1252.0000*	600		95					A	B	A	1	2	X		27.0905.0000
29.1231.0000*	650		105					A	B	A	1	1	X		27.0905.0000
29.1256.0000*	650		105					A	B	A	1	2	X		27.0905.0000

* Disponibile su richiesta, contattare il nostro ufficio commerciale - Available on request, please check with our commercial office

• Serbatoi olio freni e frizione

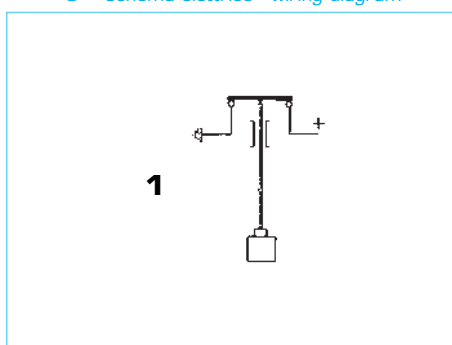
Capacità del serbatoio: 300 cm³

• Clutch and brake fluid tanks

Tank capacity: 300 cm³



① = schema elettrico - wiring diagram



⊕ = tabella pressione max di utilizzo - max working pressure table

1	BAR	PSI
	2,94	43,5

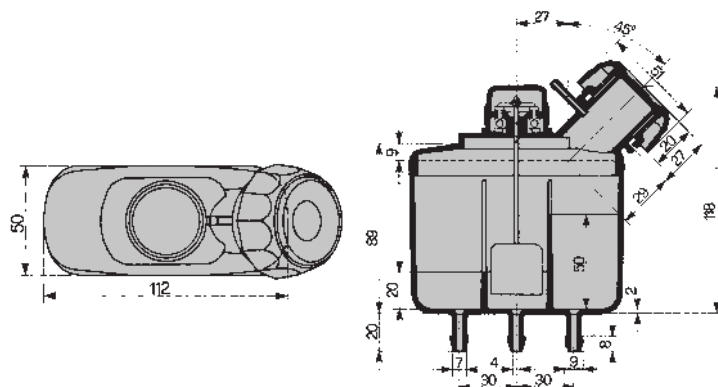
29.011.000

①=1 ⊕=1

Serbatoio con comando sensore basso livello olio freni e frizione.

Tank with low clutch and brake fluid level sender.

Optional: 30.17.01436 terminals



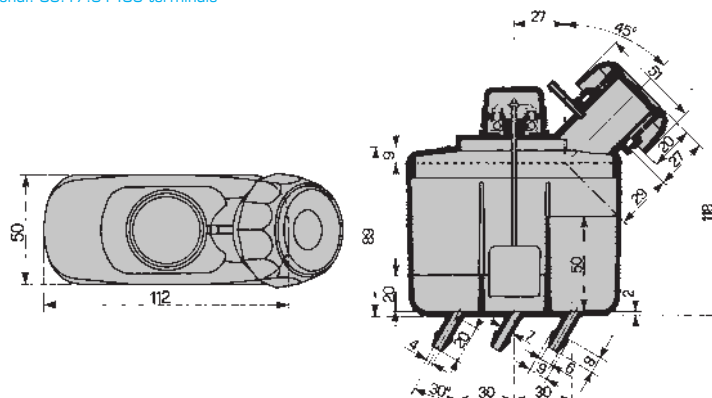
29.082.000

①=1 ⊕=1

Serbatoio con comando sensore basso livello olio freni e frizione.

Tank with low clutch and brake fluid level sender.

Optional: 30.17.01436 terminals

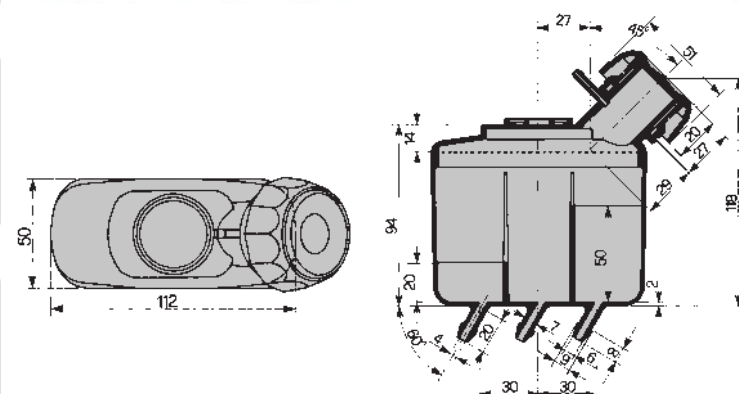


29.097.000

⊕=1

Serbatoio olio freni e frizione.

Clutch and brake fluid tank.



29.104.000

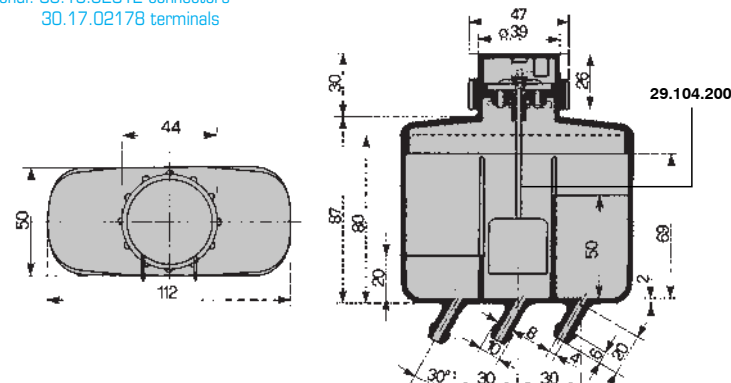
①=1 ⊕=1

Serbatoio con comando sensore basso livello olio freni e frizione.

Tank with low clutch and brake fluid level sender.

Optional: 30.16.02312 connectors

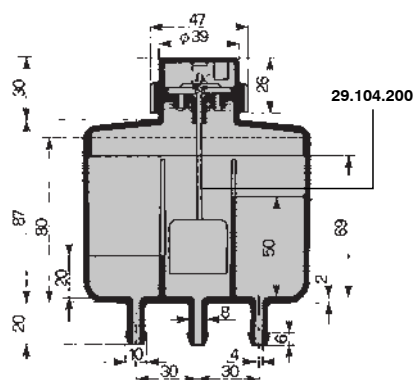
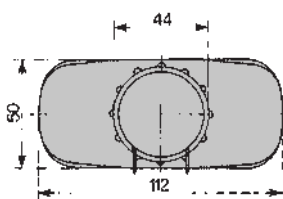
30.17.02178 terminals



$\text{Ⓢ} = 1$ $\text{Ⓢ} = 1$

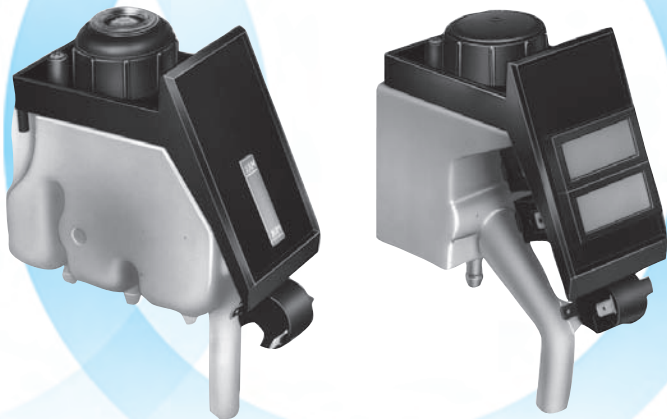
Tank with low clutch and brake fluid level sender.

Optional: 30.16.02312 connectors
30.17.02178 terminals

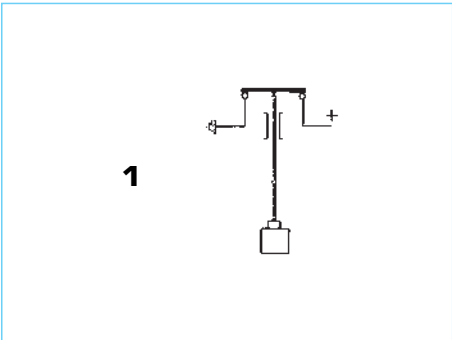


- **Serbatoi olio freni**
Capacità del serbatoio: 450 cm³

- **Brake fluid tanks**
Tank capacity: 450 cm³



① = schema elettrico - wiring diagram



⊕=1 = tabella pressione max di utilizzo - max operating pressure table

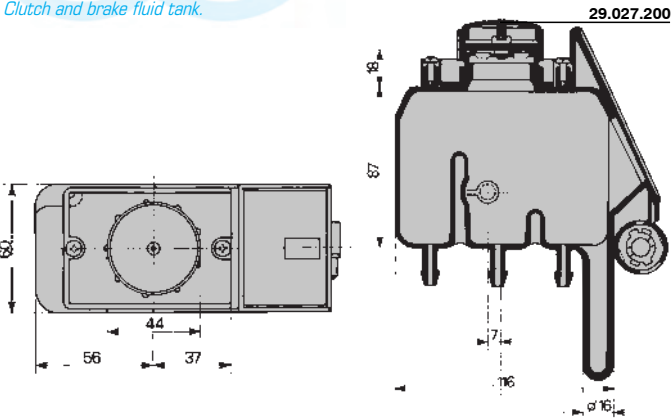
1

BAR	PSI
2,94	43,5

29.027.000

⊕=1

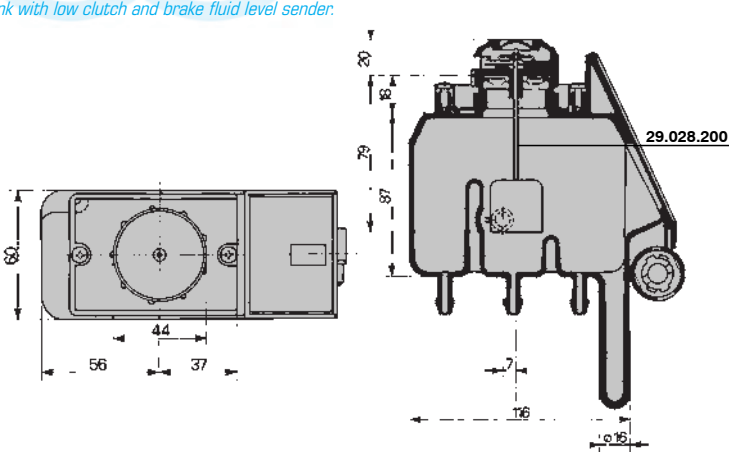
Serbatoio olio freni e frizione.
Clutch and brake fluid tank.



29.028.000

①=1 ⊕=1

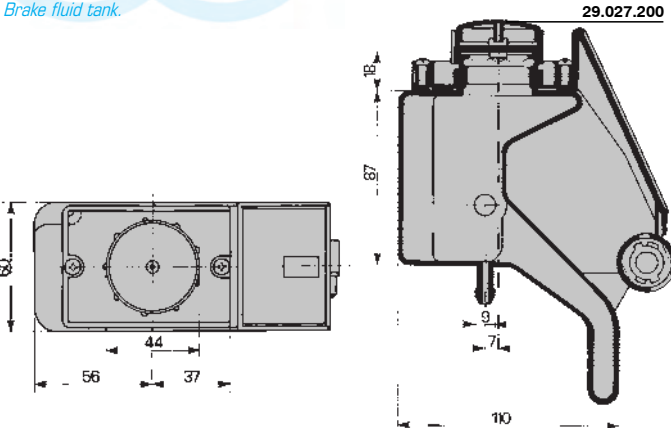
Serbatoio con comando sensore basso livello olio freni e frizione.
Tank with low clutch and brake fluid level sender.



29.030.000

⊕=1

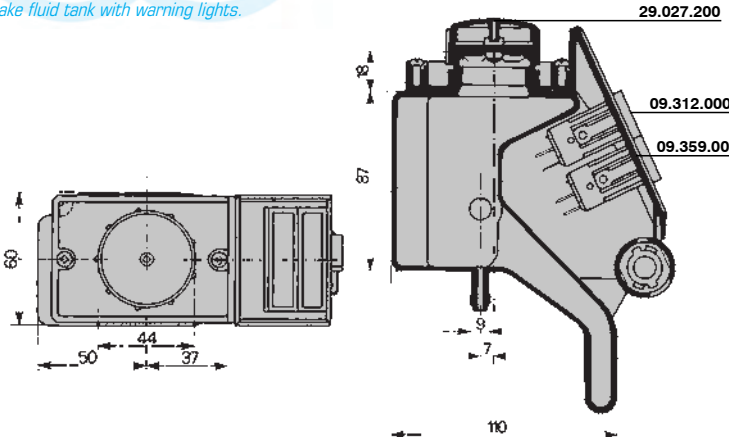
Serbatoio olio freni.
Brake fluid tank.



29.033.000

⊕=1

Serbatoio olio freni con segnalatori luminosi.
Brake fluid tank with warning lights.

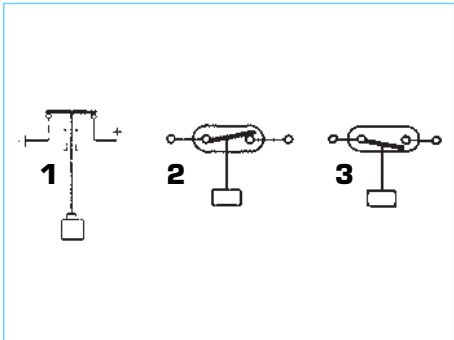


- **Serbatoi olio freni**
Capacità del serbatoio: 300 cm³

- **Brake fluid tanks**
Tank capacity: 300 cm³



① = schema elettrico - wiring diagram



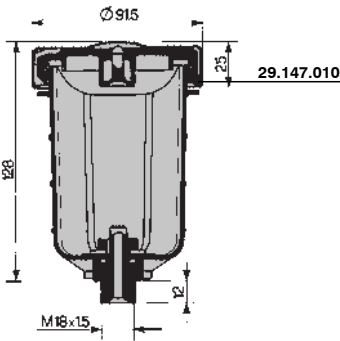
⊗=1 = tabella pressione max di utilizzo - max operating pressure table

1	BAR	PSI
	2,94	43,5

29.147.000

⊗=1

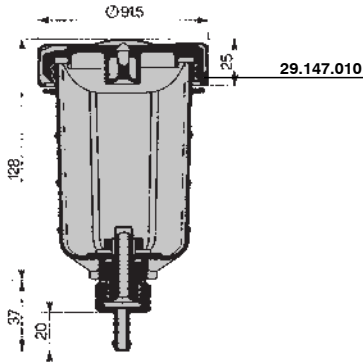
Serbatoio olio freni.
Brake fluid tank.



29.163.000

⊗=1

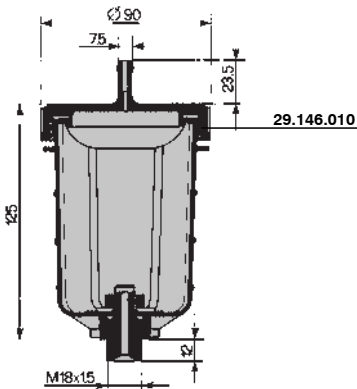
Serbatoio olio freni.
Brake fluid tank.



29.146.000

⊗=1

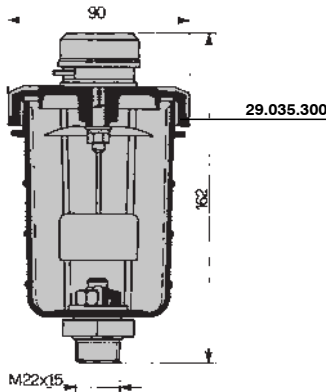
Serbatoio olio freni.
Brake fluid tank.



29.084.000

①=1 ⊗=1

Serbatoio con comando sensore basso livello olio freni.
Tank with low brake fluid level sender.
Optional: 30.16.03343 connectors
30.17.02178 terminals

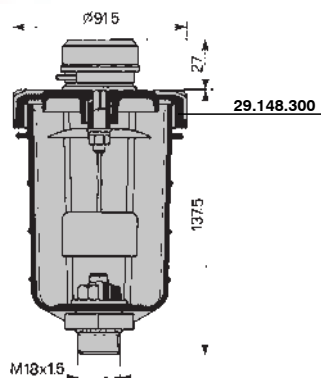


29.148.000

①=1 ⊖=1

Serbatoio con comando sensore basso livello olio freni.

Tank with low brake fluid level sender.

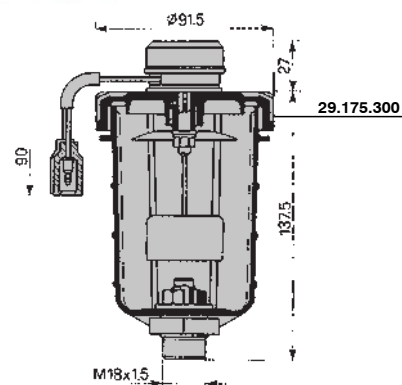
Optional: 30.16.03343 connectors
30.17.02178 terminals**29.175.000**

①=1 ⊖=1

Serbatoio con comando sensore basso livello olio freni.

Tank with low brake fluid level sender.

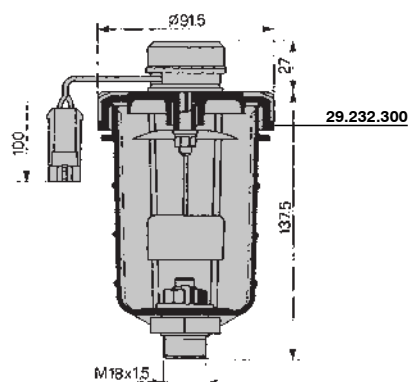
Optional: 30.16.04692

**29.260.000**

①=1 ⊖=1

Serbatoio con comando sensore basso livello olio freni.

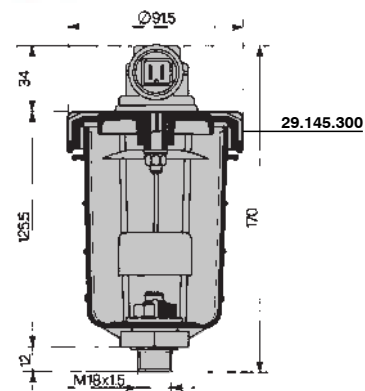
Tank with low brake fluid level sender.

**29.145.000**

①=2 ⊖=1

Serbatoio con comando sensore basso livello olio freni.

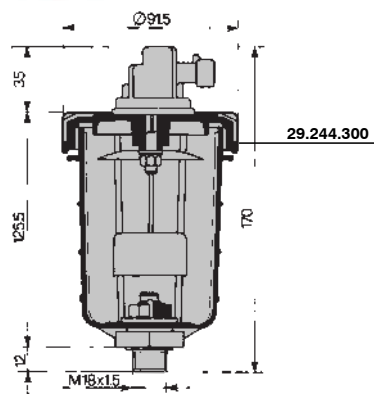
Tank with low brake fluid level sender.

**29.0446.0000**

①=3 ⊖=1

Serbatoio con comando sensore basso livello olio freni.

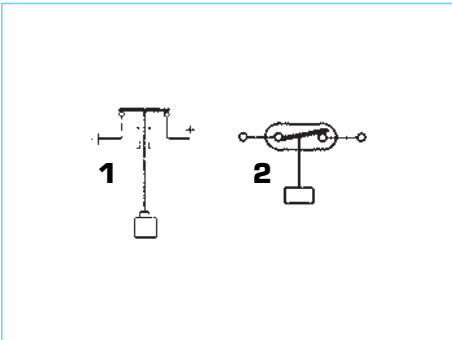
Tank with low brake fluid level sender.



- Serbatoi olio freni
- Brake fluid tanks



① = schema elettrico - wiring diagram



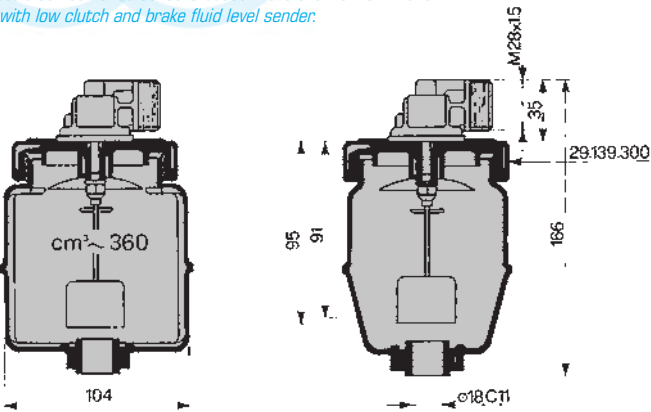
⊕ = tabella pressione max di utilizzo - max working pressure table

1	BAR	PSI
	2,94	43,5

29.139.000

①=1 ⊕=1

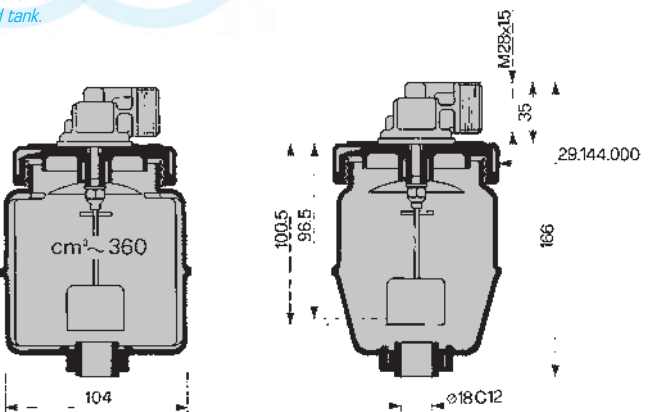
Serbatoio con comando sensore basso livello olio freni e frizione.
Tank with low clutch and brake fluid level sender.



29.174.000

①=2 ⊕=1

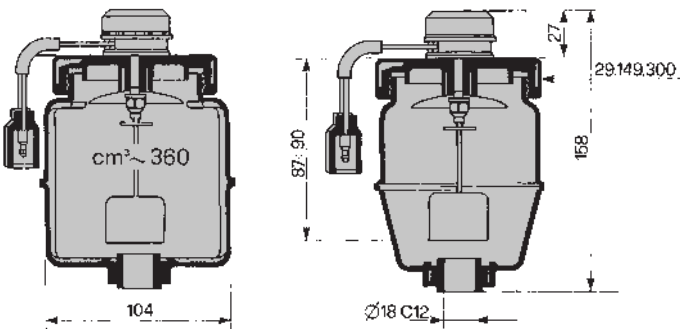
Serbatoio olio freni.
Brake fluid tank.



29.149.000

①=1 ⊕=1

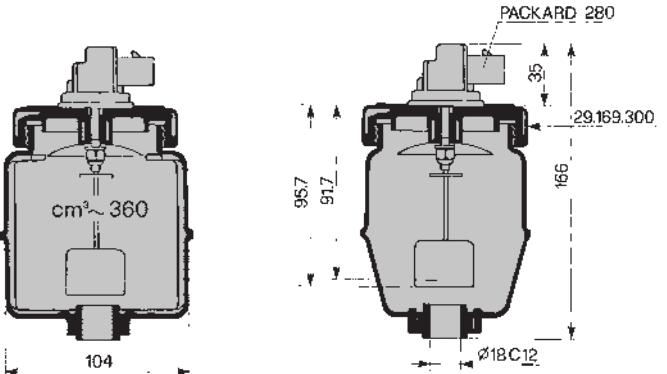
Serbatoio con comando sensore basso livello olio freni.
Tank with low brake fluid level sender.



29.169.000

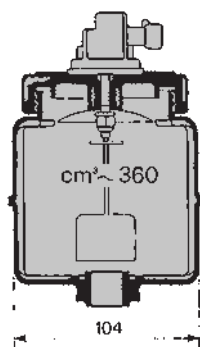
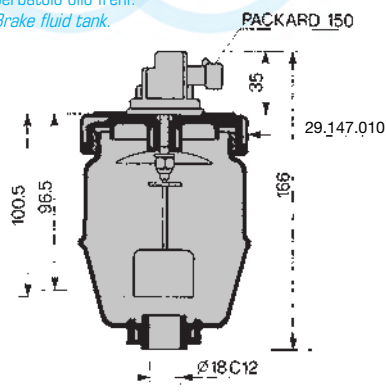
①=2 ⊕=1

Serbatoio con comando sensore basso livello olio freni.
Tank with low brake fluid level sender.

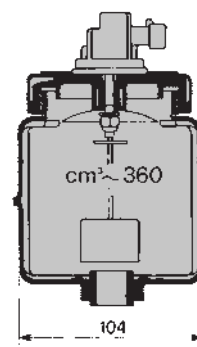
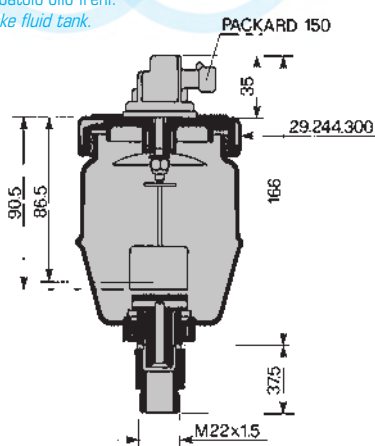


29.166.000

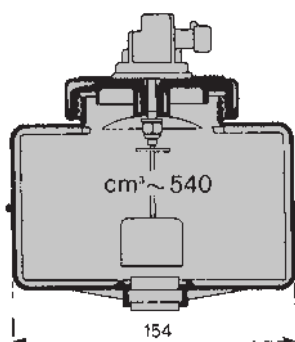
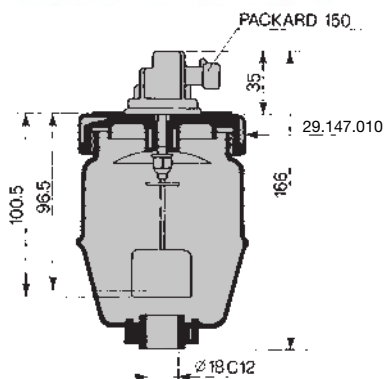
①=2 ⊖=1

Serbatoio olio freni.
Brake fluid tank.**29.244.000**

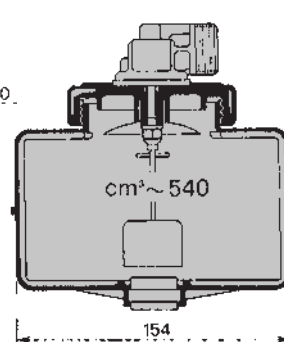
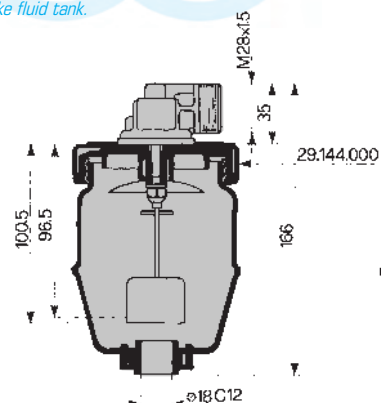
①=2 ⊖=1

Serbatoio olio freni.
Brake fluid tank.**29.165.000**

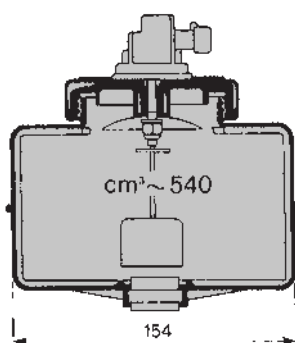
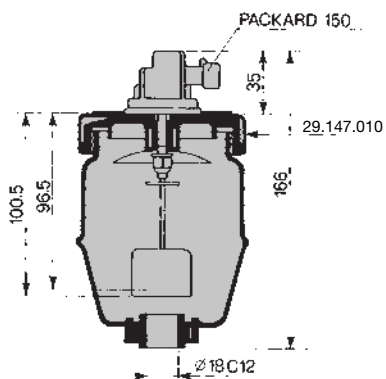
①=2 ⊖=1

Serbatoio olio freni.
Brake fluid tank.**29.173.000**

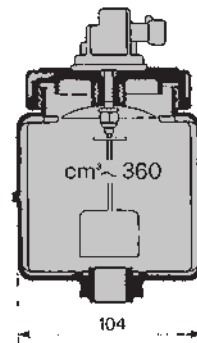
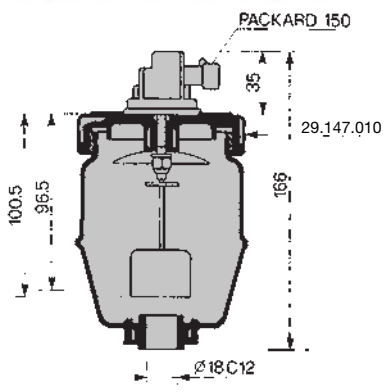
①=2 ⊖=1

Serbatoio olio freni.
Brake fluid tank.**29.0495.0000**

①=2 ⊖=1

Serbatoio olio freni.
Brake fluid tank.**29.0515.0000**

①=2 ⊖=1

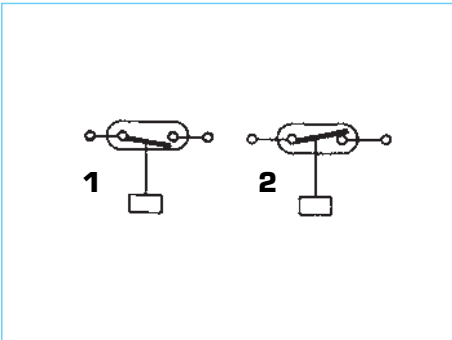


• **Serbatoi olio freni**
 Capacità: livello MAX 1,78L - Totale 2,1L

• **Brake fluid tanks**
 Capacity: MAX level 1,78L - Total 2,1L



① = schema elettrico - wiring diagram



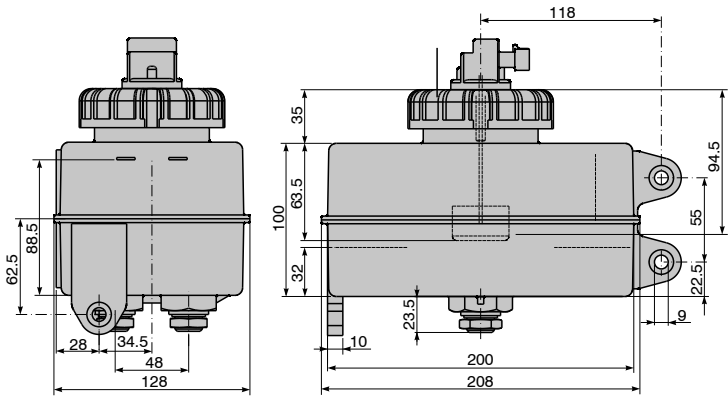
⊖ = tabella pressione max di utilizzo - max operating pressure table

1	BAR	PSI
	1,2 > 3,5	17 > 51

29.400.000

①=1 ⊖=1

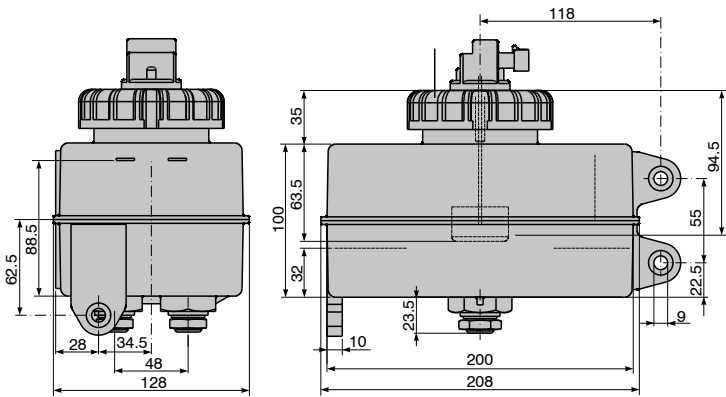
Serbatoio olio freni.
 Brake fluid tank.



29.0496.0000

①=2 ⊖=1

Serbatoio olio freni.
 Brake fluid tank.



• Serbatoi per servosterzo

Serbatoi per olio e idroguida con filtro incorporato

• Power steering tanks

Oil and power steering tanks with integrated filter



0034-0956

Serbatoio in poliammide 6 (PA6) con filtro
Tank made of polyamide 6 (PA6) with filter

Pressione di collaudo <i>Test pressure</i>	2Kg/cm ²
Superficie filtrante <i>Filtering surface</i>	380 cm ²
Filtro <i>Filter</i>	110 micron
Grado di filtraggio <i>Filtering degree</i>	50
Temperatura d'esercizio (PA6) <i>Operative temperature (PA6)</i>	120° C. MAX
Temperatura d'esercizio (PP) <i>Operative temperature (PP)</i>	50° C. MAX
Capacità del serbatoio <i>Tank capacity</i>	LT. 0,750

USCITA DIRITTA
STRAIGHT OUTLET

0G865100000
FILTRO A RICAMBIO
SPARE FILTER



BCSONY90

Serbatoio in poliammide 6 (PA6) con filtro
Tank made of polyamide 6 (PA6) with filter

Pressione di collaudo <i>Test pressure</i>	2Kg/cm ²
Superficie filtrante <i>Filtering surface</i>	380 cm ²
Filtro <i>Filter</i>	110 micron
Grado di filtraggio <i>Filtering degree</i>	50
Temperatura d'esercizio (PA6) <i>Operative temperature (PA6)</i>	120° C. MAX
Temperatura d'esercizio (PP) <i>Operative temperature (PP)</i>	50° C. MAX
Capacità del serbatoio <i>Tank capacity</i>	LT. 0,750

USCITA 90°
90° OUTLET

0G865100000
FILTRO A RICAMBIO
SPARE FILTER



BCSOPPD

Serbatoio in polipropilene (PP) con filtro
Tank made of polypropylene (PP) with filter

BCSOPPD90

Serbatoio in polipropilene (PP) con filtro
Tank made of polypropylene (PP) with filter

TAPPI PER SERBATOI - TANK CAPS: BCSOOPPD - 0034-0956 - BCSOPP90 - BCSONY90
(DA ORDINARE A PARTE - TO BE ORDERED SEPARATELY):



R1 0047-0272
TAPPO CON SFIATO A VALVOLA
AIR VALVE CAP



L3 BCTSOL3
TAPPO CON SFIATO
BREATHING CAP



BCTSOL3IL
TAPPO CON SENSORE DI LIVELLO
CAP WITH LEVEL SENSOR

Pressione di collaudo <i>Test pressure</i>	2Kg/cmq
Superficie filtrante <i>Filtering surface</i>	-
Filtro <i>Filter</i>	110 micron
Grado di filtraggio <i>Filtering degree</i>	50
Temperatura d'esercizio (PA6) <i>Operative temperature (PA6)</i>	-
Temperatura d'esercizio (PP) <i>Operative temperature (PP)</i>	50° C. MAX
Capacità del serbatoio <i>Tank capacity</i>	LT. 0,25

USCITA DIRITTA
STRAIGHT OUTLET



- **Accessori**
- **Accessories**



27.0958.0000

Kit di connessione **S/SEAL 2 VIE**
Connection kit 2 PINS S/SEAL

27.0905.0000

Kit di connessione **S/SEAL 3 VIE**
Connection kit 3 PINS S/SEAL



27.0906.0000

Kit di connessione **S/SEAL 4 VIE**
Connection kit 4 PINS S/SEAL

27.0909.0000

Kit di connessione **DEUTSCH 2 VIE**
Connection kit 2 PINS DEUTSCH



27.0908.0000

Kit di connessione **DEUTSCH 3 VIE**
Connection kit 3 PINS DEUTSCH

27.0907.0000

Kit di connessione **DEUTSCH 4 VIE**
Connection kit 4 PINS DEUTSCH

