



PEDALI ACCELERATORI ELETTRONICI

Electronic throttle pedals

CAN BUS & ANALOG

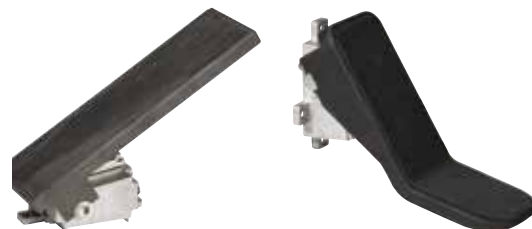


Tabella riassuntiva - *Summary table*

SPECIFICHE TECNICHE - *TECHNICAL SPECIFICATIONS*

see page 6, 7

see page 8, 9



Descrizione <i>Description</i>	CAN BUS
Alimentazione <i>Power supply</i>	9 - 30V
Assorbimento di corrente logica <i>Current consumption</i>	60 mA max
Uscita sensore lineare di posizione hall effect <i>Hall effect linear position sensor output type</i>	CAN BUS 2.0b
Corrente in uscita massima <i>Output current maximum</i>	
Tempo di risposta <i>Response time</i>	
Baud Rate	X
Circuito indipendente per IVS (Idle Validation Switch) <i>Independent circuit for IVS (Idle Validation Switch)</i>	100 mA max
Linearità <i>Linearity</i>	± 3%
Load dump field decay	± 45V
Inversione di polarità <i>Reverse polarity</i>	protetto <i>protected</i>
Compatibilità elettromagnetica (EMC) <i>Electromagnetic Compatibility (EMC)</i>	X
Molle ridondanti <i>Redundant springs</i>	X
Angolo di rotazione max <i>Shaft rotation max</i>	22°
Grado di protezione <i>Sealing degree</i>	IP65
Grado di protezione per componenti elettrici <i>Sealing degree for electrical components</i>	IP69K
Temperatura di funzionamento <i>Operating temperature</i>	- 30° C ÷ + 80° C
Durata <i>Expected life</i>	10.000.000 cycles
Corpo <i>Housing</i>	Alluminio <i>Aluminium</i>

see page 6, 7



see page 10, 11



see page 12, 13, 14, 15



ANALOG	ANALOG	ANALOG
5V ± 10%	5V ± 10%	5V ± 10%
17 mA slow mode 27 mA fast mode	17 mA slow mode 27 mA fast mode	17 mA slow mode 27 mA fast mode
Analog 0 – 5V	Analog 0 – 5V	Analog 0 – 5V
8 mA	8 mA	8 mA
1,8 ms	1,8 ms	1,8 ms
100 mA max		100 mA max
± 3%	± 3%	± 1,5 %
± 45V	± 45V	± 45V
protetto <i>protected</i>	protetto <i>protected</i>	protetto <i>protected</i>
X	X	X
X	X	X
22°	22°	22°
IP65	IP65	IP65
IP69K	IP69K	IP69K
- 30° C ÷ + 80° C	- 30° C ÷ + 80° C	- 40° C ÷ + 85° C
10.000.000 cycles	10.000.000 cycles	8.000.000 cycles
Alluminio <i>Aluminium</i>	Alluminio <i>Aluminium</i>	Alluminio <i>Aluminium</i>

DIAGRAM 2

	●	ON REQUEST	9 - 30V cod. 1031562 cod. 1086697 cod. 1031573 cod. 1080963 see page 6, 7	5V cod. 1031564 cod. 1051186 cod. 1031570 see page 6, 7
	●	ON REQUEST	9 - 30V cod. 1031574 cod. 1080962 see page 8, 9	ON REQUEST
	ON REQUEST	●	ON REQUEST	ON REQUEST
			ON REQUEST	ON REQUEST

DIAGRAM 3

uscita ANALOGICA
ANALOG output

DIAGRAM 4

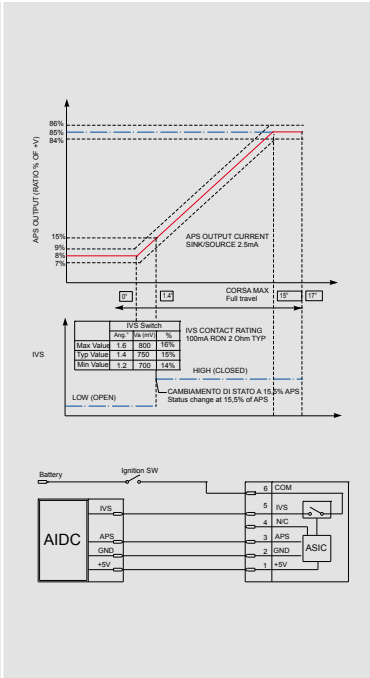
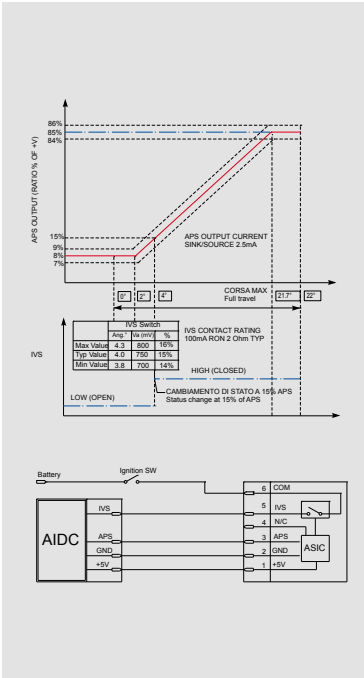
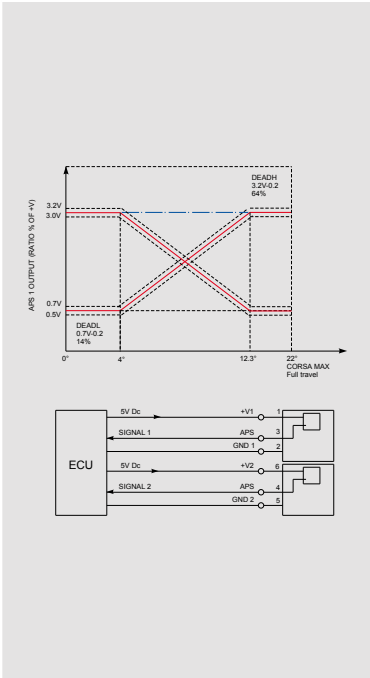
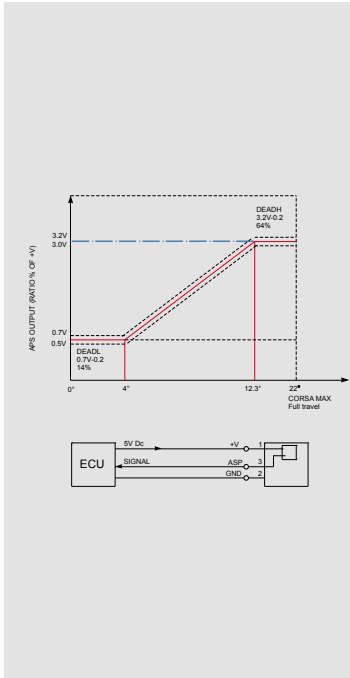
uscita ANALOGICA
ANALOG output

DIAGRAM 5

uscita ANALOGICA
ANALOG output

DIAGRAM 6

uscita ANALOGICA
ANALOG output



ON REQUEST

ON REQUEST

ON REQUEST

ON REQUEST

ON REQUEST

ON REQUEST

ON REQUEST

ON REQUEST

5V
cod. **1084976**
see page 10, 11

5V
cod. **1086700**
see page 10, 11

ON REQUEST

ON REQUEST

ON REQUEST

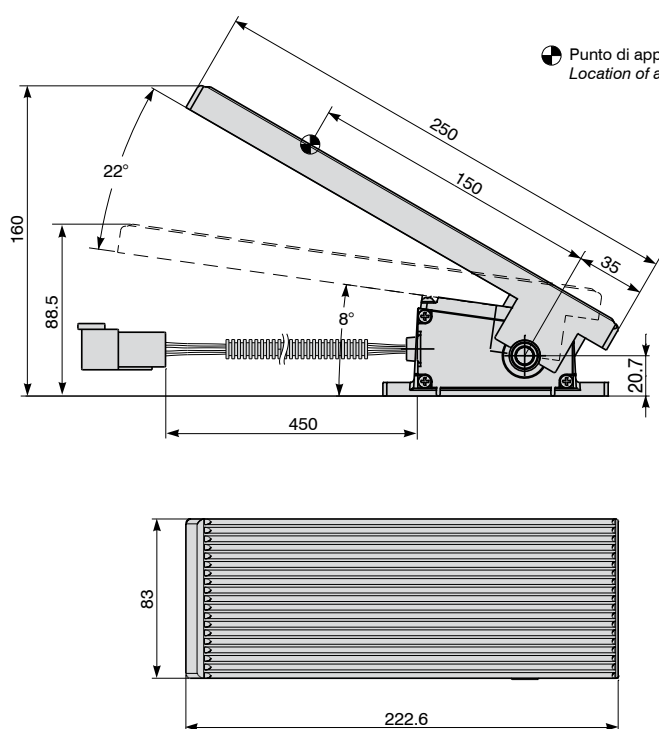
ON REQUEST

5V
cod. **1031576**
see page 12, 13

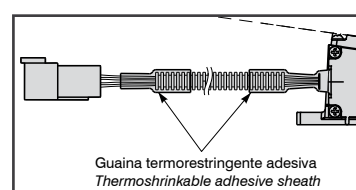
5V
cod. **1057971**
cod. **1083396**
cod. **1083398**
see page 14, 15

FLOOR PEDAL 9 - 30V or 5V

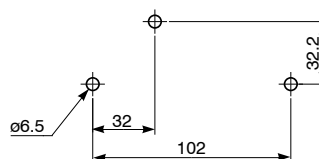
CAN BUS & ANALOG



● Punto di applicazione della forza
Location of applied pedal force



Foratura di applicazione
Fixing hole





Pkg Q.ty 1

DIAGRAM 1

Segnale di uscita
Output signal

DIAGRAM 2

Segnale di uscita
Output signal

Purchase code Drawing code	1031562 41.0009.0000	1086697 41.0036.0000	1031573 41.0016.0000	1080963 41.0032.0000	1031564 41.0010.0000	1051186 41.0022.0000	1031570 41.0013.0000
Alimentazione Power supply	9 - 30V	9 - 30V	9 - 30V	9 - 30V	5V	5V	5V
Uscita CAN BUS CAN BUS output	X	X	X	X			
Uscita ANALOGICA ANALOG output					X	X	X
Baud Rate	250 kBit/sec.	125 kBit/sec.	250 kBit/sec.	250 kBit/sec.			
Forza azionamento fine corsa Operating force and of stroke	45N±6N	45N±6N	45N±6N	45N±6N	45N±6N	45N±6N	25N±4N
Forza azionamento inizio corsa Operating force start	15N±3N	15N±3N	15N±3N	15N±3N	15N±3N	15N±3N	10N±2N
Morbido Soft							X
Terminazione di fine linea End of line termination	X	X	X		X	X	X
Guaina termorestringente adesiva Thermoshrinkable adhesive sheath			X			X	
Connessione Connection	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm	Deutsch 6 pins cable 450 mm
Corpo Housing	Alluminio Aluminium						

DIAGRAM 1

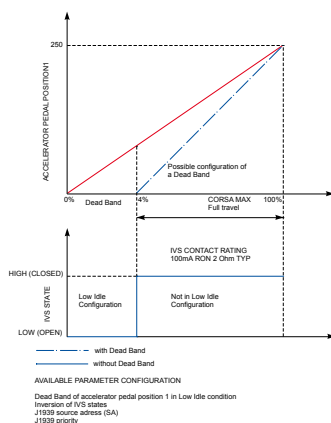
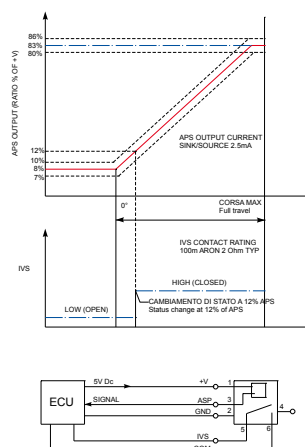


DIAGRAM 2



DEUTSCH 6 vie / 6 pins:

Connettore / Connector
P/N COBO **1005319** (XE0802537)
P/N DEUTSCH DT04-6P-C015

Connettore controparte
Mating connector
P/N COBO **1005320** (XE0802582)
P/N DEUTSCH DT-6S-C015

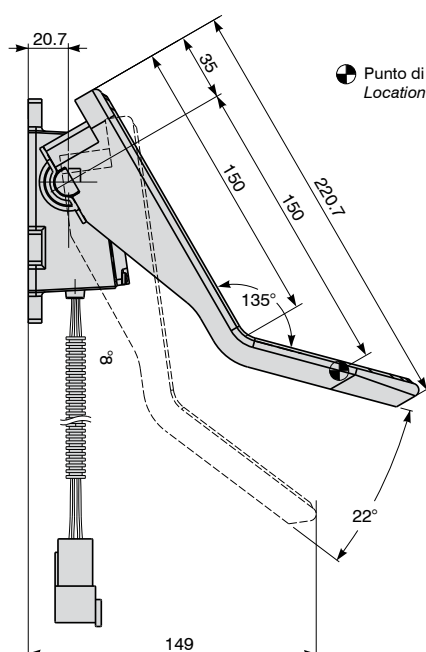
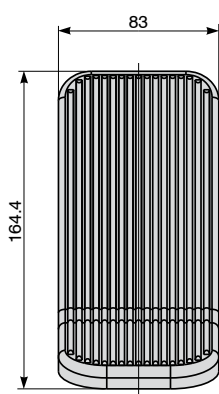
OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO **1028490** (27.0862.0000)



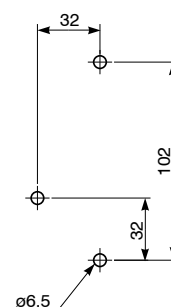
DROP-IN PEDAL 9 - 30V

CAN BUS



 Punto di applicazione della forza
Location of applied pedal force

Foratura di applicazione
Fixing hole





Pkg Q.ty 1

DIAGRAM 1

Segnale di uscita
Output signal

Purchase code	1031574	1080962
Drawing code	41.0017.0000	41.0031.0000

Alimentazione
Power supply

9 - 30V

9 - 30V

Uscita CAN BUS
CAN BUS output

X

X

Baud Rate

250 kBit/sec.

250 kBit/sec.

Forza azionamento fine corsa
Operating force and of stroke

45N±6N

45N±6N

Forza azionamento inizio corsa
Operating force start

15N±3N

15N±3N

Terminazione di fine linea
End of line termination

X

Connessione
Connection

Deutsch
6 pins
cable
450 mm

Deutsch
6 pins
cable
450 mm

Corpo
Housing

Alluminio
Aluminium

DEUTSCH 6 vie / 6 pins:

Connettore / Connector
P/N COBO **1005319** (XE0802537)
P/N DEUTSCH DT04-6P-C015

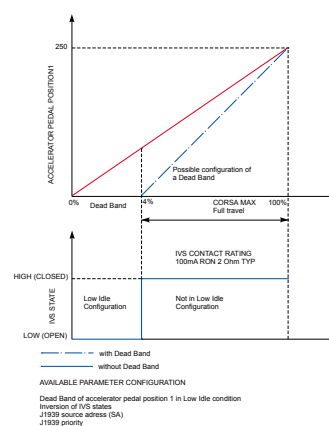
Connettore controparte
Mating connector
P/N COBO **1005320** (XE0802582)
P/N DEUTSCH DT-6S-C015

OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO **1028490** (27.0862.0000)

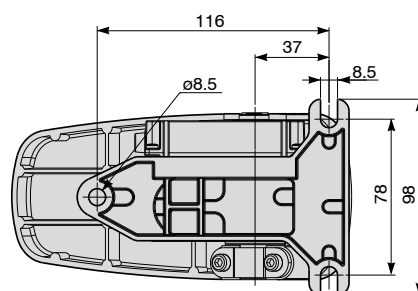
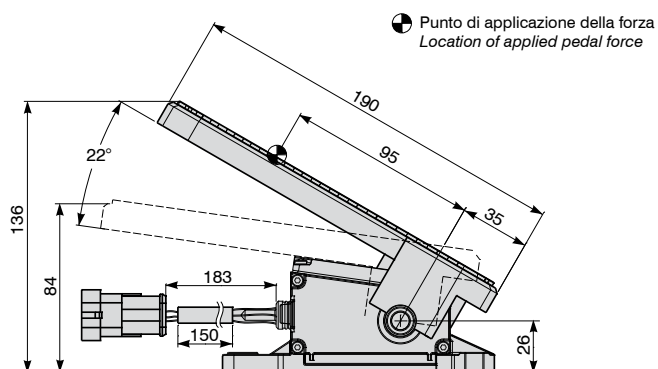


DIAGRAM 1

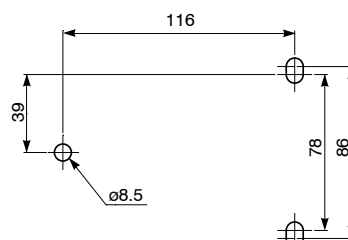
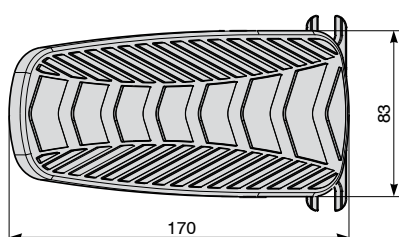


FLOOR COMPACT PEDAL 5V

ANALOG



Foratura di applicazione
Fixing hole





Pkg Q.ty 1

DIAGRAM 3

Segnale di uscita
Output signal

DIAGRAM 4

Segnale di uscita
Output signal

Purchase code Drawing code	1084976 41.0021.0000	1086700 41.0033.0000
Alimentazione Power supply	5V	5V
Uscita ANALOGICA ANALOG output	X	X
Forza azionamento fine corsa Operating force and of stroke	44N±6N	44N±6N
Forza azionamento inizio corsa Operating force start	17N±3N	17N±3N
Segnale crossato Crossed signal		X
Connessione Connection	Superseal 3 pins cable 150 mm	Deutsch 6 pins cable 450 mm
Corpo Housing	Alluminio Aluminium	

SUPERSEAL 3 vie / 3 pins:

Connettore / Connector
P/N COBO 3009210 (XE0800565)
P/N SUPERSEAL AMP 282105-1

Connettore controparte
Mating connector
P/N COBO 3009202 (XE0800557)
P/N SUPERSEAL AMP 282087-1

OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO 1028518 (27.0905.0000)



DEUTSCH 6 vie / 6 pins:

Connettore / Connector
P/N COBO 1005319 (XE0802537)
P/N DEUTSCH DT04-6P-C015

Connettore controparte
Mating connector
P/N COBO 1005320 (XE0802582)
P/N DEUTSCH DT-6S-C015

OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO 1028490 (27.0862.0000)



DIAGRAM 3

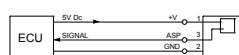
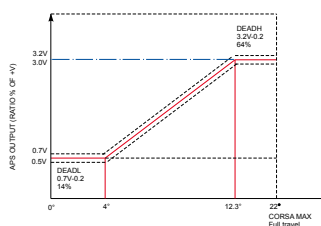
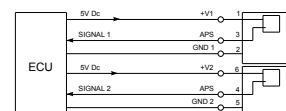
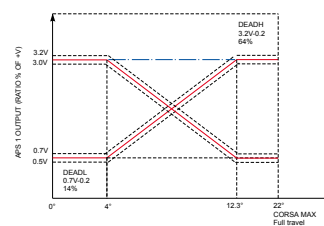


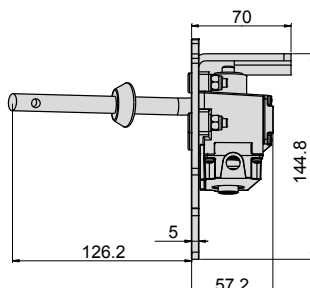
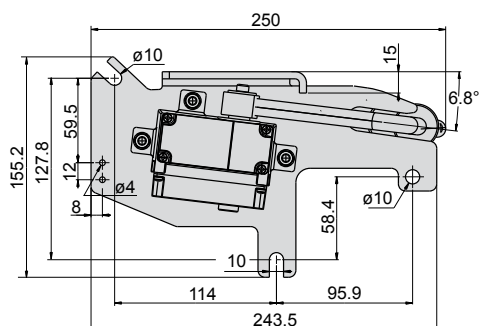
DIAGRAM 4



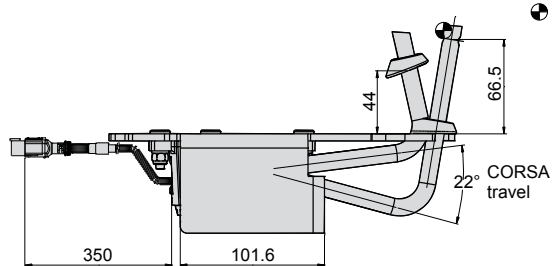
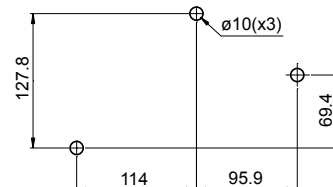
UNDER FLOOR PEDAL 5V

ANALOG





Foratura di applicazione Fixing hole



● Punto di applicazione della forza
Location of applied pedal force



Pkg Q.ty 1

DIAGRAM 5

Segnale di uscita
Output signal

Purchase code
Drawing code

1031576
41.0018.0000

Alimentazione
Power supply

5V

Uscita ANALOGICA
ANALOG output

X

Forza azionamento fine corsa
Operating force and of stroke

47N±6N

Forza azionamento inizio corsa
Operating force start

28N±3N

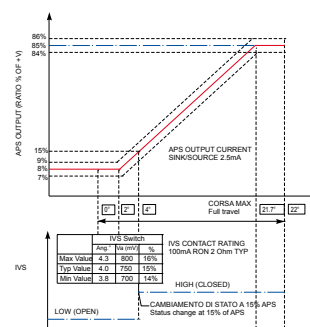
Connessione
Connection

Deutsch
6 pins
cable
350 mm

Corpo
Housing

Alluminio
Aluminium

DIAGRAM 5



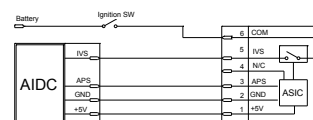
DEUTSCH 6 vie / 6 pins:

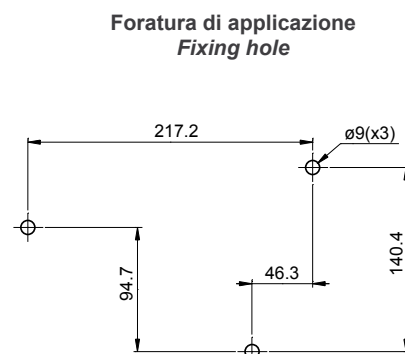
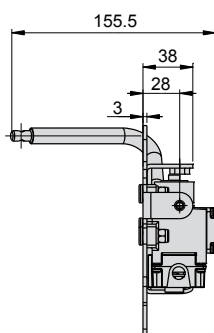
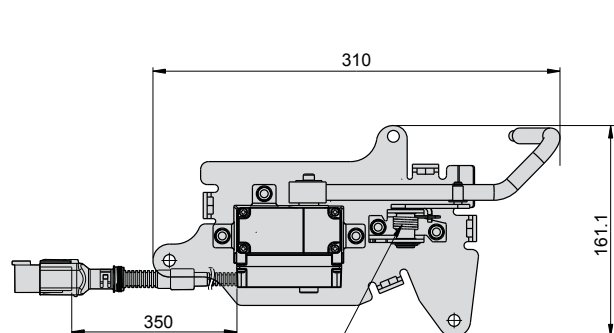
Connettore / Connector
P/N COBO **1005319** (XE0802537)
P/N DEUTSCH DT04-6P-C015

Connettore controparte
Mating connector
P/N COBO **1005320** (XE0802582)
P/N DEUTSCH DT-6S-C015

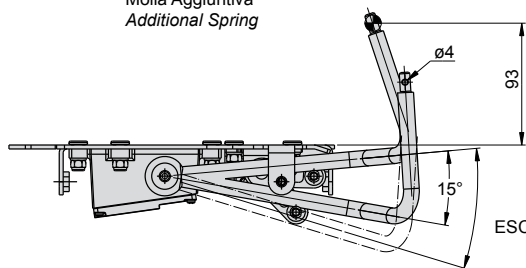
OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO **1028490** (27.0862.0000)





Molla Aggiuntiva
Additional Spring



Punto di applicazione della forza
Location of applied pedal force

22°
ESCURSIONE MASSIMA
AMMISSIBILE
(Max travel)



Pkg Q.ty 1

DIAGRAM 6

Segnale di uscita
Output signal

Purchase code
Drawing code

1057971
41.0025.0000

Alimentazione
Power supply

5V

Uscita ANALOGICA
ANALOG output

X

Forza azionamento fine corsa
Operating force and of stroke

30N±5N

Forza azionamento inizio corsa
Operating force start

10N±2N

Connessione
Connection

Deutsch
6 pins
cable
350 mm

Corpo
Housing

Alluminio
Aluminium

DEUTSCH 6 vie / 6 pins:

Connettore / Connector
P/N COBO **1005319** (XE0802537)
P/N DEUTSCH DT04-6P-C015

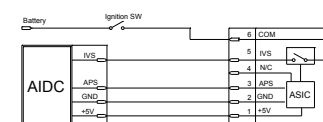
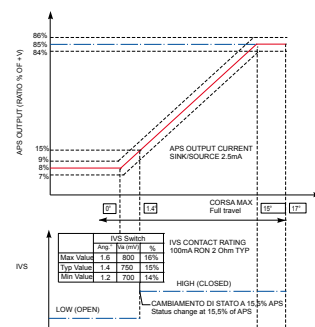
Connettore controparte
Mating connector
P/N COBO **1005320** (XE0802582)
P/N DEUTSCH DT-6S-C015

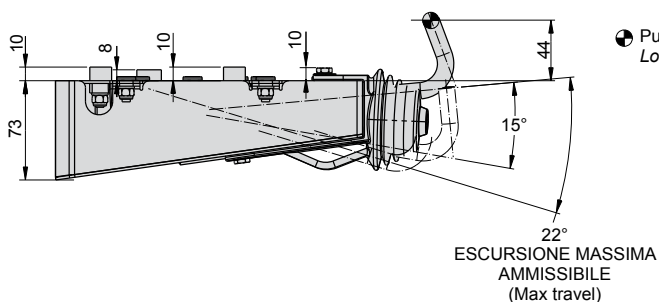
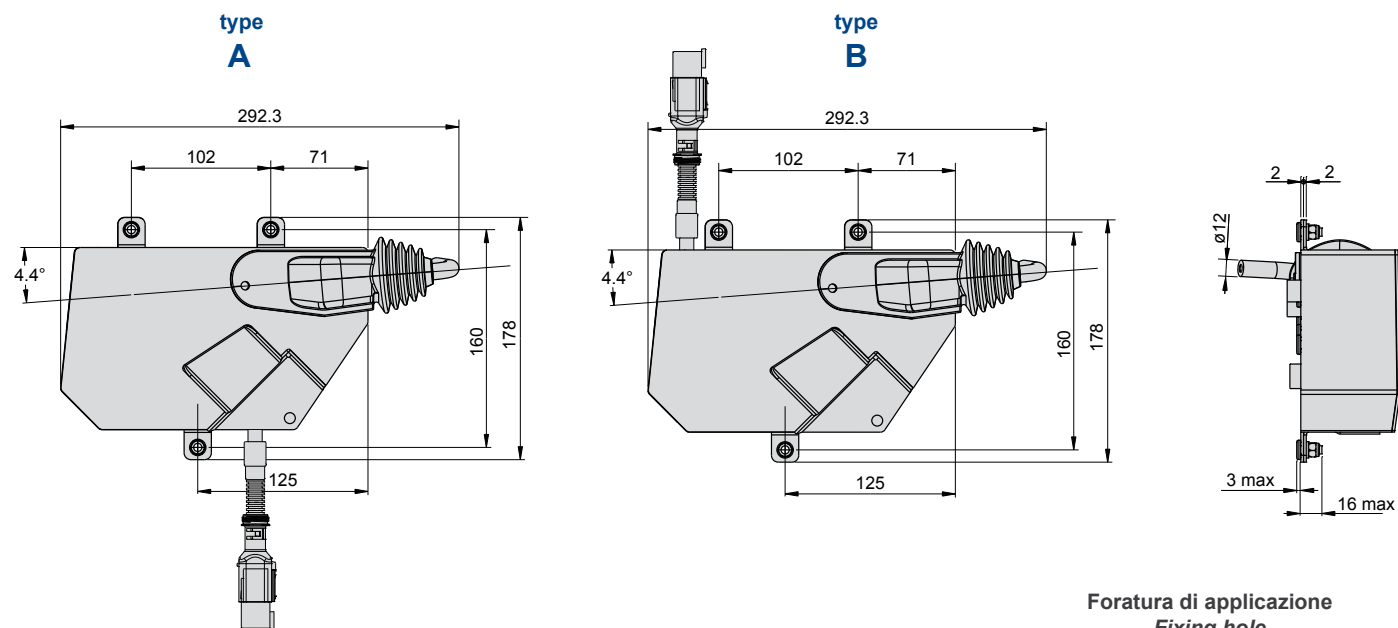
OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO **1028490** (27.0862.0000)



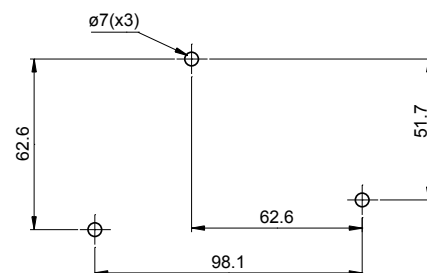
DIAGRAM 6





● Punto di applicazione della forza
Location of applied pedal force

Foratura di applicazione Fixing hole



Pkg Q.ty 1

DIAGRAM 6

Segnale di uscita
Output signal

Purchase code
Drawing code

1085383
41.0034.0000

1085385
41.0035.0000

Alimentazione
Power supply

5V

Uscita ANALOGICA
ANALOG output

X

Forza azionamento fine corsa
Operating force and of stroke

30N±5N

Forza azionamento inizio corsa
Operating force start

10N±2N

Uscita connettore
Connector output

type A

type B

Connessione
Connection

Deutsch
6 pins
cable
350 mm

Deutsch
6 pins
cable
350 mm

Corpo
Housing

Alluminio
Aluminium

DEUTSCH 6 vie / 6 pins:

Connettore / Connector
P/N COBO **1005319** (XE0802537)
P/N DEUTSCH DT04-6P-C015

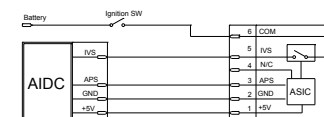
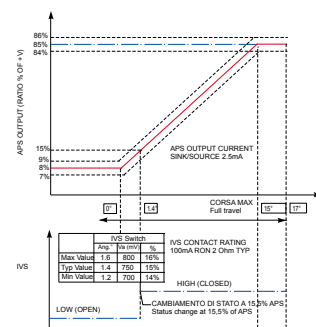
Connettore controparte
Mating connector
P/N COBO **1005320** (XE0802582)
P/N DEUTSCH DT-6S-C015

OPTIONAL KIT

Connettore controparte
Mating connector
P/N COBO **1028490** (27.0862.0000)



DIAGRAM 6



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