



# FTM RADAR DISTANCE/SPEED SENSOR



Wear free radar technology. CANbus for effective system integration. Embedded diagnostic.



FTM Radar sensor family allows to effectively manage distance and/or speed measurement.

Robust design makes this device an optimal solution on multiple off-highway applications.

Smart logic, together with CANbus communication, allows extremely flexible solutions with and without external ECU active management.







## **KEY VALUES**





Radar technology



CANbus



IP66 protection class



Wide temperature range

Description

P/N

FTM2

1110635

#### **Default Parameters:**

ID node: 0x1F

Baud rate: 125kbps



## **APPLICATIONS**







Material Handling and Lifting Technology







Agricultural Machinery





Construction Equipment



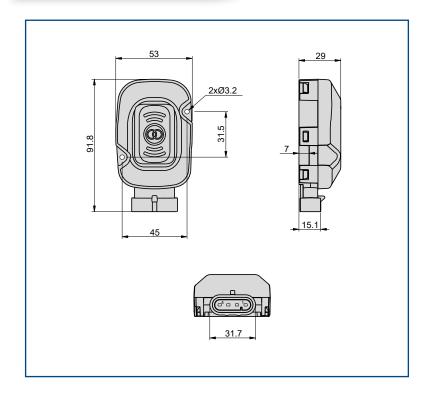


#### **TECHNICAL DATA**

Measurement Range	up to 30m and up to 100kmh					
Supply voltage	+9+36Vdc					
Output signal	CANopen					
Resolution	up to 5cm					
Working temperature	-40°C+85°C					
Vibrations	20g between 10 Hz2000 Hz IEC 60068-2-6					
Shock	Pulse on 3 axes; 50g 11 ms IEC 60068-2-27					
Electromagnetic compatibility	2014/30/EU Electromagnetic Compatibility (EMC).					
Protections and immunity	Protected against reverse polarity and short circuit					
IP Protection Level	IP66					

All performance data are values resulting from qualification tests on specific configuration sample production batch. Final product configuration, actual application and respect of installation recommendation may impact on some performance data. Where not differently indicated, data refer to Tamb condition test environment.

#### **DIMENSIONS**





N PIN	CANbus
1	CAN-L
2	CAN-H
3	GND
4	±\/IN

**CONNECTOR** 





## **ORDERING KEY**

FAMILY	SUBFAMILY	CASE MATERIAL	CONNECTOR	CHANNEL 1 RANGE (±)	CHANNEL 2 RANGE (±) AND VERSE	SUPPLY VOLTAGE	OUTPUT TYPE	SPECIAL/CUSTOM FEATURE/SW/CUSTOMER	MANUAL ZERO HALL PEN	FACTORY LINEARITY TABLE SUPPLIED	ACCESSORIES / MAGNET TYPE	PROJECT REVISION
RADAR	2	C Plastic without sleeves	5M single M12 5P wall mounted	0050 5m full scale	ONOT single channel	<b>H</b> 9-36Vdc	051 CANopen standard	000 standard	0 not available (standard)	0 not supplied (standard)	000 not present	2

#### **EXAMPLE OF RESULTING ORDERING CODE**

FTM2.C.4A.0050.0NOT.H.051.000.0.0.000.2

Further possibilities available, some options are mutually exclusive, please contact our team for more details.