

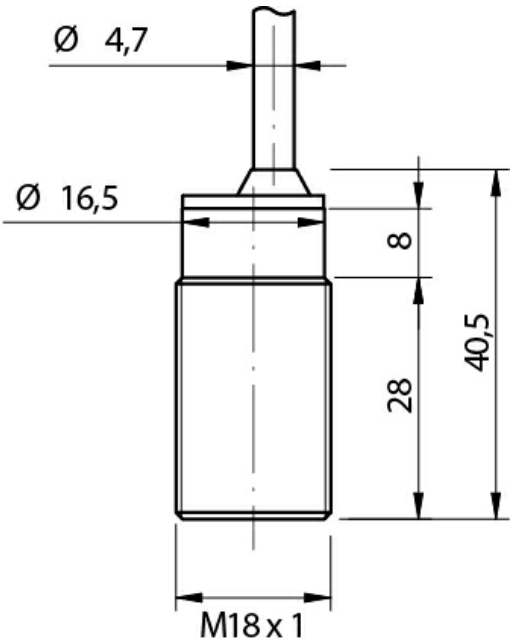


Indicative image



VIBRATIONS AND INCLINATION SENSOR

- M18 housing
- AISI316L stainless steel housing(front included)
- IP67 protection degree



Detection properties

Operative range	± 2g; ± 4g; ± 8g; ± 16g (selectable)
Resolution	15,62mg @ ± 2g 31,25mg @ ± 4g 62,50mg @ ± 8g 125mg @ ± 16g
Detection Axes	3 (X, Y, Z)

Application

Technology	MEMS
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Outputs

Output type	Digital + Analogue (I/V selectable)
Output Function	Vibration amplitude
Digital Output	RS485 57600 baud rate - 1 bit stop - no parity
Voltage Analogue Output	0...5V / 0...10V (selectable)
Current Analogue Output	4...20mA / 0...20mA / 0...24mA (selectable)

Electrical data

Operating Voltage	19,2 ... 28,8 Vdc
LED indicators	Green: Run mode Yellow: writing/programming memory Blue: transit of RS485 packet data Red: Interrupt active

Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes
Power Consumption	< 1 W
Frequency Range	0 ... 400Hz
Digital Resolution	16 bit @RS485 (complementary to 2)
Analogue Resolution	12 bit
Load Resistor (Voltage)	1k Ω ... 1M Ω
Load Resistor (Current)	100 ... 500 Ω

Mechanical data

Dimensions	M18
Housing Material	Stainless steel AISI316L (body) Grilamid (cable exit)
Connections	2 m - 5 poles cable
Active Head Material	Stainless steel AISI316L
Operating temperature	-25°C ... +70°C
Storage temperature	-30°C ... + 90°C (without ice)
humidity	< 80 % (without condensation)

Test/Approvals

Approvals	CE
Degree of protection	IP67

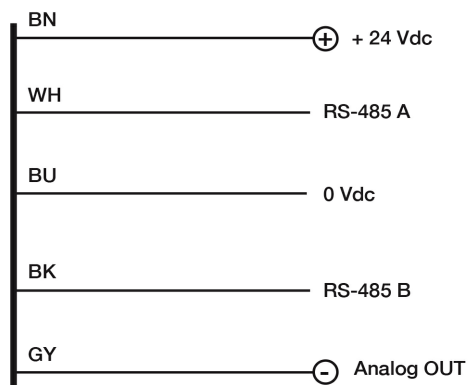
Accessories

Supplied Accessories	2 x nuts
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Generical Data

Dimensions	M18
Operating Temperature	-25°C ... +70°C
Humidity	< 80 % (without condensation)
Mechanical Protection	IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



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