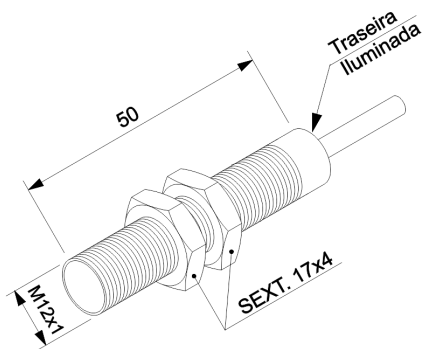


Standard Inductive Sensors

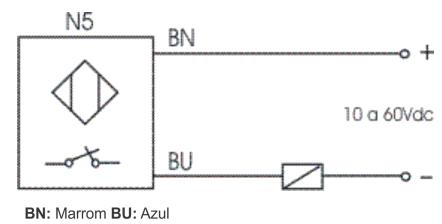
PS2-12GI50-N5_CE



Dimensions(Unit:mm)



Electrical Connection



Technical Features

Signaling	
Signalling	Back led
Data Output	
Electrical connection	DC
Contact Type	NC
Max. switching current	100 mA
Output protection	Short circuit and reverse
Sensor voltage drop (load powered)	<5 V
Max. switching frequency	600 Hz
Electrical Characteristics	
Supply voltage	10 to 60Vdc
Ripple	±10 %
Current consumption	<2,5 mA
Residual current (load not powered)	<2,5 mA
Min. load current (load powered)	5 mA
Electrical Connection	
Electrical connection	Cable
Cable length	2 m PVC

Cable length options	PVC 6 m PVC 10 m PVC 15 m PVC 20m PVC 25 m
Number of wires	2 wires
Housing	
Enclosure	threaded; brass with nickel plating
Tube length options	70 mm
Operating temperature	- 25 °C to + 70 °C
Protection class	IP67, IP69K
Housing options	GX (stainless steel), GT (PTFE), GP (plastic)
Tube length	50 mm
Recommended tightening torque	3 Nm
Mechanical Characteristics	
Diameter	M12
Sensing distance Sn	02 mm
Mouting	Flushed
Hysteresis	± 5 %
Repeatability	<0,01 mm
Operational distance	1,62 mm
Standard object	12x12 mm
Cable options	PU
Weight	110 g
Thread type	M12 x 1 mm
External diameter of cable	4 mm
Application	Common industrial areas ou Atmosferas com poeiras combustíveis

ORDERING DETAILS

Description	TE Part Number
PS2-12GI50-N5_CE	6000007709-SE

Accessory: Controls - KMV Line

Part Number	Model	No channels	Application	Supply voltage	Power consumption
52920552-SE	KMV-100/110-220 Vac	Single channel	Source with relay to sensor	110Vac or 220Vac	1 VA at 110 Vca and 1.7 VA at 220 Vca

Accessory: Bracket - Bracket for Tubular Sensors

Part Number	Model	Application	Material	Fixation
5000010247-SE	MS-12	assembly of M12 tubular sensors	304 stainless steel	through included M5x1 screws

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