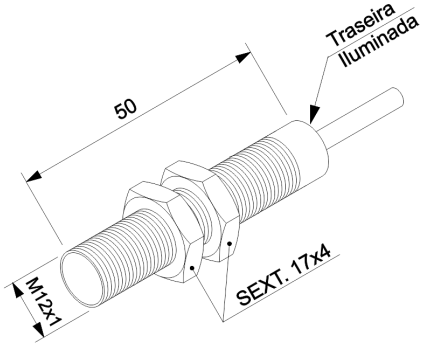
SENSE Sensors & Instruments is now part of TE connectivity

Standard Inductive Sensors

PS2-12GI50-E_CE



Dimensions(Unit:mm)



Technical Features

Signaling	
Signalling	Back led
Data Output	
Electrical connection	DC - NPN
Contact Type	NO
Max. switching current	100 mA
Output protection	Short circuit and reverse
Sensor voltage drop (load powered)	<2 V
Max. switching frequency	800 Hz
Electrical Characteristics	
Supply voltage	10 to 30Vdc
Ripple	±10 %
Current consumption	<10 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	3 wires

Housing	
Enclosure	threaded; brass with nickel plating
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	1,61 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-E_CE	6000005396-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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