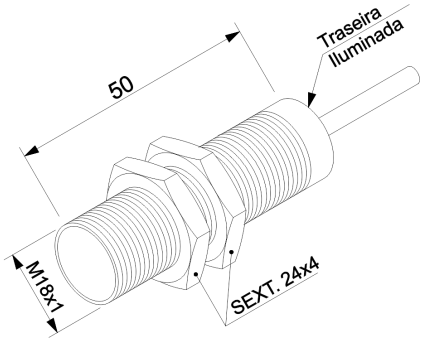
Standard Inductive Sensors

PS5-18GI50-E2-20_CE



Dimensions(Unit:mm)



Technical Features

Signaling	
Signalling	Back led
Data Output	
Electrical connection	DC - PNP
Contact Type	NO
Max. switching current	200 mA
Output protection	Short circuit and reverse
Sensor voltage drop (load powered)	<2 V
Max. switching frequency	500 Hz
Electrical Characteristics	
Supply voltage	10 to 30Vdc
Ripple	±10 %
Current consumption	<10 mA
Electrical Connection	
Electrical connection	Cable
Cable length	20 m PVC
Cable length options	PVC 2 m PVC 6 m PVC 10 m PVC 15m 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	M18
Sensing distance Sn	05 mm
Mouting	Flushed
Hysteresis	± 5 %
Repeatability	<0,01 mm
Operational distance	4,05 mm
Standard object	18x18 mm
Cable options	PU
Weight	150 g
Thread type	M18 x 1 mm
External diameter of cable	4 mm
Application	Common industrial areas ou Atmosferas com poeiras combustíveis

ORDERING DETAILS

Description	TE Part Number
PS5-18GI50-E2-20_CE	6000007239-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
5000010248-SE	MS-18	assembly of M18 tubular sensors	304 stainless steel	through included M5x1 screws

te.com

©2026 TE Connectivity plc. family of companies. All Rights Reserved.

TE Connectivity, TE, TE connectivity (logo), and EVERY CONNECTION COUNTS, Schaffner and Schaffner MORE POWER TO YOU are trademarks owned or licensed by TE Connectivity plc. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.
While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity assumes only those obligations set forth in the terms and conditions for this product and shall in no event be liable for any incidental, indirect,or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

03/26 ED