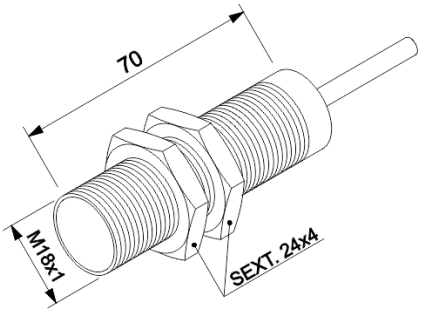
SENSE Sensors & Instruments is now part of TE connectivity

Standard Inductive Sensors

PS5-18GI70-WF_CE



Dimensions(Unit:mm)



Technical Features

Signaling	
Signalling	Back led
Data Output	
Electrical connection	AC
Contact Type	NC
Max. switching current	500 mA
Sensor voltage drop (load powered)	<5 V
Max. switching frequency	10 Hz
Electrical Characteristics	
Supply voltage	20 to 250Vac
Current consumption	3 mA
In rush current	4 A
Supply frequency	50...60 Hz
Residual current (load not powered)	3 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	50 mm (standard)
Operating temperature	- 25 °C to + 70 °C
Protection class	IP67, IP69K
Housing options	GX (stainless steel), GT (PTFE), GP (plastic)
Tube length	70 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
PS5-18GI70-WF_CE	6000008403-SE

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

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