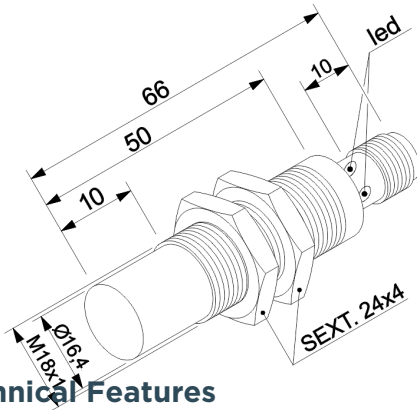


Standard Inductive Sensors

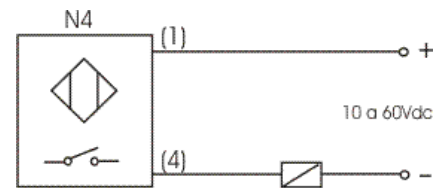
PS8-18GI50-N4-V1_CE



Dimensions(Unit:mm)



Electrical Connection



Technical Features

Signaling	
Signalling	Micro led on connector
Data Output	
Electrical connection	DC
Contact Type	NO
Max. switching current	100 mA
Output protection	Short circuit and reverse
Sensor voltage drop (load powered)	<5 V
Max. switching frequency	500 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	Connector - 4 pins
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	M18
Sensing distance Sn	08 mm
Mouting	Not flushed
Hysteresis	± 5 %
Repeatability	<0,01 mm
Operational distance	6,48 mm
Standard object	24x24 mm
Weight	55 g
Thread type	M18 x 1 mm
Application	Common industrial areas ou Atmosferas com poeiras combustíveis

ORDERING DETAILS

Description	TE Part Number
PS8-18GI50-N4-V1_CE	6000007718-SE

Accessory: Injected cables - M12 Connectors

Part Number	Model	Mounting	Number of contacts	Electrical configuration	Number of wires
5000004847-SE	CF-V1R/2	Straight	4 contacts	DC	4 wires

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: Security - Connector Safety Lock

Part Number	Model	Function	Applicable to	Enclosure material	Marking
5000006962-SE	CP-V1-Ex	Safety lock	equipment with M12 connectors		

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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