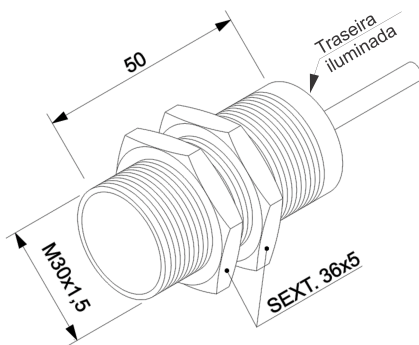


Standard Inductive Sensors

PS10-30GX50-A-6_CE



Dimensions(Unit:mm)



Technical Features

Signaling	
Signalling	Back led
Data Output	
Electrical connection	DC - NPN
Contact Type	NO+NC
Max. switching current	200 mA
Output protection	Short circuit and reverse
Sensor voltage drop (load powered)	<2 V
Max. switching frequency	300 Hz
Electrical Characteristics	
Supply voltage	10 to 30Vdc
Ripple	±10 %
Current consumption	<15 mA
Electrical Connection	
Electrical connection	Cable
Cable length	6 m PVC
Cable length options	PVC 2 m PVC 10 m PVC 15 m PVC 20m PVC 25 m
Number of wires	4 Fios

Housing	
Enclosure	threaded; stainless steel
Operating temperature	- 25 °C to + 70 °C
Protection class	IP67, IP69K
Housing options	GI(brass), GT (PTFE), GP (plastic)
Tube length	50 mm
Ex Protection	Proteção por invólucro contra poeiras explosivas
Marking	Ex tb IIIC T100 °C Db IP65
Ex protection class	IP65
Ambient temperature Ex	- 5 °C a + 70 °C
Recommended tightening torque	3 Nm

Mechanical Characteristics	
Diameter	M30
Sensing distance Sn	10 mm
Mouting	Flushed
Hysteresis	± 5 %
Repeatability	<0,01 mm
Operational distance	8,1 mm
Standard object	30x30 mm
Cable options	PU
Weight	205 g
Thread type	M30 x 1,5mm
External diameter of cable	4 mm
Application	Common industrial areas ou Atmosferas com poeiras combustíveis

ORDERING DETAILS

Description	TE Part Number
PS10-30GX50-A-6_CE	6000004431-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
5000010249-SE	MS-30	assembly of M30 tubular sensors	304 stainless steel	through included M5x1 screws

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