

XS1M18PA371

Inductive proximity sensors XS, inductive sensor XS1 M18, L60mm, stainless, Sn5mm, 12..48VDC, cable 2m



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	3-wire
Output circuit type	DC
Protection type	Short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M18
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Electrical connection	Cable
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...4 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Maximum residual current	1.5 mA open state
Switching frequency	<= 2000 Hz DC
Maximum voltage drop	<5.5 V (closed state)
Maximum delay first up	70 ms
Maximum delay response	2 ms
Maximum delay recovery	4 ms
Marking	CE
Threaded length	51 mm
Length	60 mm

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Environment

Product certifications	CSA CCC UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-7

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	126 g
Package 1 Height	4.1 cm
Package 1 width	9.4 cm
Package 1 Length	13.3 cm
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	126 g
Package 2 Height	3 cm
Package 2 width	20 cm
Package 2 Length	15 cm
Unit Type of Package 3	S01
Number of Units in Package 3	11
Package 3 Weight	1.587 kg
Package 3 Height	15 cm
Package 3 width	15 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information