

XS1M18PAW01D

inductive sensor XS1 M18 - L60mm - brass -
Sn5mm - 12..24VDC - M12



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Welding machine
Sensor name	XS1
Sensor design	Cylindrical M18
Size	60 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 250 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	Teflon
Sensing range	> 4...8 mm
Operating zone	0...4 mm
Differential travel	1...20 % of Sr
Repeat accuracy	3 % of Sr
Output circuit type	DC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC
Switching frequency	<= 500 Hz
Maximum voltage drop	<2.5 V (closed)
Current consumption	<= 15 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.2 ms
Maximum delay recovery	0.6 ms
Marking	CE
Threaded length	40 mm
Height	18 mm
Length	60 mm

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Environment

Product certifications	CSA[RETURN]UL
Ambient air temperature for operation	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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