XS2N12PC410L2

inductive sensor XS2 M12 - L37.6mm - brass - Sn4mm - 12..24VDC - cable 10m

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS2
Sensor design	Cylindrical M12
Size	37.6 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NO + 1 NC
Discrete output type	PNP
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	≤ 200 mA with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Metal
[Sd] sensing range	> 2.5...4 mm
Operating zone	0...3.2 mm
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	4 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	≤ 2 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	≤ 5 ms
Delay response	≤ 0.1 ms
Delay recovery	≤ 0.1 ms
Marking	CE
Threaded length	25 mm
Length	33 mm
Product weight	0.07 kg 0.31 kg

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Environment

Product certifications	CSA 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 60068-2-27
RoHS EUR conformity date	0807
RoHS EUR status	Compliant

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