

XS1L04PA311S

inductive sensor XS1 Ø4 - L41mm - stainless - Sn0.8mm - 5..24VDC - M8



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical Ø 4 mm plain
Size	41 mm
Body type	Fixed
Enclosure material	Stainless steel 303
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.8 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	5...24 V DC
Switching capacity in mA	≤ 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
[Sd] sensing range	> 0...2.5 mm
Operating zone	0...0.6 mm
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	5...30 V DC
Switching frequency	≤ 5000 Hz
Voltage drop	≤ 2 V at closed state
Current consumption	≤ 10 mA at no-load
Delay first up	≤ 5 ms
Delay response	≤ 1 ms
Delay recovery	≤ 1 ms
Marking	CE
Threaded length	24 mm
Length	41 mm
Product weight	0.01 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	4Q2008
RoHS EUR status	Will be compliant

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