

XS1M12AB120

inductive sensor XS1 M12 - L50mm - brass - Sn2mm
- 12..24VDC - cable 2m



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS1
Sensor design	Cylindrical M12
Size	50 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Analogue
Wiring technique	2-wire
[Sn] nominal sensing distance	2 mm
Discrete output function	1 NC
Output circuit type	DC
Analogue output range	4...20 mA
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.2...2 mm
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 2 mA
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Supply voltage limits	10...38 V DC
Switching frequency	<= 1500 Hz
Current consumption	4 mA at no-load
Output current drift	<= 10 %
Marking	CE
Threaded length	42 mm
Length	50 mm
CAD overall height	12 mm
CAD overall depth	50 mm
Product weight	0.075 kg

Environment

Product certifications	CSA
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UL

Ambient air temperature for operation	-25...70 °C
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1010 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
