

XS1M12AB120EX

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



Main

Range of product	OsiSense XS ATEX D
Series name	Application
Sensor type	Inductive proximity sensor
Device application	ATEX dust
Sensor name	XS1
Sensor design	Cylindrical M12
Size	50 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
[Sn] nominal sensing distance	2 mm
Type of output signal	Analogue
Wiring technique	2-wire
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



Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
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, no-load
Output current drift	<= 10 %
Marking	II2 D-Ex tb IIIC T90°C Db IP67
Threaded length	42 mm
Height	12 mm
Length	50 mm

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Environment

Standards	Directive ATEX 94/9/EC EN/IEC 60079-0 EN/IEC 60079-31
Product certifications	INERIS 04ATEX0022X
Ambient air temperature for operation	-20...60 °C
Dust zone	Zone 21 - 22

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental
Product end of life instructions	Available  Download End Of Life Manual