

XS1M12MA230

inductive sensor XS1 M12 - brass - Sn2mm -
24..240VAC/DC



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	2-wire
Output circuit type	AC/DC
Protection type	Short-circuit protection
Device application	2-wire DC short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M12
Size	55 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.08 in (2 mm)
Discrete output function	1 NO
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...210 V DC
Switching capacity in mA	5...200 mA AC/DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass

Operating zone	0...0.06 in (0...1.6 mm)
Differential travel	1...15% of Sr
Status LED	1 LED yellow output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA open state
Switching frequency	<= 25 Hz AC <= 4000 Hz DC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 70 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Height	0.47 in (12 mm)
Length	2.24 in (57 mm)

Environment

Product certifications	CCC UL CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901910565
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20999999999999999
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0810 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Product Life Status

END OF COMMERCIALIZATION