XS112BLPAM12SB1

inductive sensor XS1 M12 - L55mm - brass - Sn2mm - 12..24VDC - M12

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS1
Sensor design	Cylindrical M12
Size	55 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.08 in (2 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP67 IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	PBT
Operating zone	0.00…0.06 in (0…1.6 mm)
Differential travel	1...15% of Sr
Output circuit type	DC
Status LED	Output state 1 LED yellow)
Supply voltage limits	10…36 V DC
Switching frequency	<= 2500 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	15 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.15 ms
Marking	CE
Threaded length	1.34 in (34 mm)
Maximum Height	0.47 in (12 mm)
Length	2.17 in (55 mm)
Net Weight	0.03 lb(US) (0.015 kg)

Jul 8, 2020

Environment

Product certifications	CSA UL
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 +/- 2 mm 10…55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22414 - SENSORS, INDUCTIVE, BASIC
Discount Schedule	DS2
GTIN	03389119026482
Package weight(Lbs)	0.08 lb(US) (0.04 kg)
Returnability	No

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