

XS208BLPAM8SA5

inductive sensor XS2 M8 - L53mm - brass -
Sn2.5mm - 12..24VDC - M8



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS2
Sensor design	Cylindrical M8
Size	50 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.10 in (2.5 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Male connector M8, 3 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	M8 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Front material	PPS
Operating zone	0.00...0.08 in (0...2 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
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	0.5 ms
Maximum delay recovery	1 ms
Marking	CE
Threaded length	1.22 in (31 mm)
Maximum Height	0.31 in (8 mm)
Length	1.97 in (50 mm)
Net Weight	0.02 lb(US) (0.008 kg)

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Environment

Product certifications	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 +/- 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	03389119022422
Package weight(Lbs)	0.2 lb(US) (0.09 kg)
Returnability	No
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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