

XS9C2A2A2M12

inductive sensor XS9 40x40x70 - PBT - Sn25 mm - 12..24VDC - M12

Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS9
Sensor design	Form 40 x 40 x 70
Size	70 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Analogue
Wiring technique	2-wire
[Sn] nominal sensing distance	0.98 in (25 mm)
Output circuit type	DC
Analogue output range	4...20 mA
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
IP degree of protection	IP69K conforming to DIN 40050 IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0.08...1.06 in (2...27 mm)
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Linearity error	<= 3% of Sr
Status LED	1 LED yellow for output state
Supply voltage limits	12...36 V DC
Current consumption	0..4 mA at no-load
Delay first up	<= 7.5 ms
Delay response	<= 6 ms
Delay recovery	<= 6 ms
Marking	CE
Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Width	2.76 in (70 mm)
Product weight	0.33 lb(US) (0.149 kg)

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Environment

Product certifications	CCC 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 amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to EN 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901363729
Nbr. of units in pkg.	1
Package weight(Lbs)	0.33
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y

Contractual warranty

Period	18 months
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