

XS9C4A2A1N12

inductive sensor XS9 40x40x117 - PBT - Sn25 mm - 24VDC - terminals

Download your XS9C4A2A1N12 datasheet

Green Premium

Characteristics | Documents & Downloads

Main

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Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS9
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Analogue
Wiring technique	3-wire
[Sn] nominal sensing distance	25 mm
Output circuit type	DC
Analogue output range	0...10 V
Electrical connection	Screw-clamp terminals, clamping capacity: 4 x 1.5 mm²
[Us] rated supply voltage	24 V DC with reverse polarity protection
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

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Detection face	5 positions turret head
Front material	PBT
Operating zone	2...27 mm
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Linearity error	<= 3% of Sr
Cable entry number	1 tapped entry for 1/2" NPT cable gland
Status LED	1 LED yellow for output state
Supply voltage limits	15...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	40 mm

Length	40 mm
Width	117 mm
Product weight	0.244 kg

Environment

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Product certifications	CCC CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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

Offer Sustainability

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1213 - 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	Need no specific recycling operations

Contractual warranty

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Period	18 months