

Product data sheet

Characteristics

XS9F111A1L2

inductive sensor XS9 15x32x8 - PBT - Sn5mm -
24VDC - cable 2m



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS9
Sensor design	Flat form 15 x 32 x 8
Size	8 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Analogue
Wiring technique	3-wire
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Output circuit type	DC
Analogue output range	0...10 V
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	24 V DC
IP degree of protection	IP68 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	1...5 mm
Repeat accuracy	<= 3% of Sr
Linearity error	+/- 1 V
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Without

Supply voltage limits	15...36 V DC
Switching frequency	<= 2000 Hz
Current consumption	0...4 mA at no-load
Output current drift	<= 10 %
Marking	CE
Depth	8 mm
Height	32 mm
Width	15 mm

Environment

Product certifications	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 IEC 60068-2-27

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0914 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
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Contractual warranty

Warranty period	18 months
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