Product data sheet Characteristics

XS912R1PAM12

inductive sensor XS9 M12 - L60mm - full SS 303 - Sn6 mm - 12..24VDC - M12



Main

IVIAIII	
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Harsh environment application
Sensor name	XS9
Sensor design	Cylindrical M12
Size	60 mm
Body type	Single piece body
Enclosure material	Stainless steel 303
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.24 in (6 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	1224 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP69K DIN 40050 IP68 IEC 60529

Complementary

M12 x 1
Frontal
Flush mountable
Stainless steel 303
Stainless steel 303
> 0.160.31 in (> 48 mm)
0.000.19 in (04.8 mm)
115 % of Sr
<= 5 % of Sr
DC
Output state 1 LED yellow)
1030 V DC
0.1 mA open state
<= 600 Hz
<2 V closed)
<= 10 mA no-load
40 ms
0.00006 ms
0.015 ms
CE
1.61 in (41 mm)
0.47 in (12 mm)
2.36 in (60 mm)
0.05 lb(US) (0.024 kg)

Environment

Product certifications	CULus	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient air temperature for storage	-13158 °F (-2570 °C)	
Vibration resistance	25 gn +/- 1 mm 1055 Hz)IEC 60068-2-6	
Shock resistance	30 gn 11 msIEC 60068-2-27	

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901808527
Nbr. of units in pkg.	1
Package weight(Lbs)	0.07 lb(US) (0.03 kg)
Returnability	Yes
Country of origin	HU

Packing Units

Package 1 Height	0.180 dm
Package 1 width	2.100 dm
Package 1 Length	1.900 dm

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other 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)
Mercury free	Yes
RoHS exemption information	₫Yes

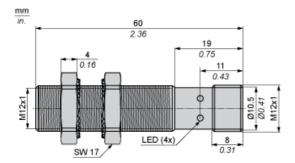
Contractual warranty

Warranty	18 months

Product data sheet Dimensions Drawings

XS912R1PAM12

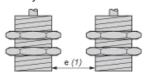
Dimensions



XS912R1PAM12

Minimum Mounting Distances in mm

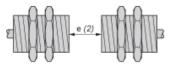
Side by side



e (1) 38 mm/1.50 in.

2

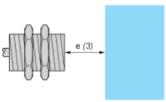
Face to face



e (2) 30 mm/1.18 in.

≥

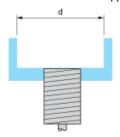
Facing a metal object



e (3) 20 mm/0.79 in.

≥

Mounted in a metal support



d ≥ 24 mm/0.94 in.

Product data sheet Connections and Schema

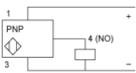
XS912R1PAM12

Wiring Schemes

M12 connector







1 : 2 : 3 :

(+) Not connected

3 : (-) 4 : NO Output