XS918R4PAM12

inductive sensor XS9 M18 - L64mm - full SS 303 - Sn20mm - 12..24VDC - M12

Product availability: Stock - Normally stocked in distribution facility

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Industrial machines
Sensor name	XS9
Sensor design	Cylindrical M18
Size	64 mm
Body type	Single piece body
Enclosure material	Stainless steel 303
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.79 in (20 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel 303
Front material	Stainless steel 303
Operating zone	> 0...0.63 in (> 0...16 mm)
Differential travel	1...15 % of Sr
Repeat accuracy	<= 5 % of Sr
Output circuit type	DC
Status LED	1 LED yellow output state
Supply voltage limits	10...30 V DC
Residual current	<= 0.1 mAfor open state
Switching frequency	<= 200 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 40 ms
Delay response	<= 0.00006 ms
Delay recovery	<= 0.015 ms
Marking	CE
Threaded length	1.38 in (35 mm)
Height	0.71 in (18 mm)
Length	2.52 in (64 mm)
Product weight	0.11 lb(US) (0.051 kg)

Environment

Product certifications	cULus
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Vibration resistance	25 gn amplitude = +/- 1 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901168737
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14000000000000001
Returnability	Y
Country of origin	HU

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1206 - Schneider Electric declaration of conformity ⬏Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

XS918R4PAM12

Dimensions

Minimum Mounting Distances

Side by side

e (1) 182 mm/7.16 in.
≥

Face to face

e (2) 70 mm/2.75 in.
≥

Facing a metal object

e (3) 60 mm/2.36 in
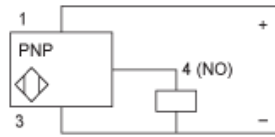≥

Mounted in a metal support

d ≥   60 mm/2.36 in
h ≥   34 mm/1.34 in

Wiring Schemes

M12 connector

PNP

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Proximity Sensors *category:*

Click to view products by Schneider *manufacturer:*

Other Similar products are found below :

01.001.5653.1 70.340.1028.0 70.360.2428.0 70.364.4828.0 70.810.1053.0 72.360.1628.0 73.363.6428.0 8027AL20NL2CPXX FYCC8E1-2 9221350022 922AA2W-A9P-L PLS2 GL-12F-C2.5X10(LOT3) 972AB2XM-A3N-L 972AB3XM-A3P-L PS3251 980659-1 QT-12 E2E2-X5M41-M4 E2E-X14MD1-G E2E-X2D1-G E2EX2ME2N E2EX3D1SM1N E2E-X4MD1-G E2E-X5E1-5M-N E2E-X5Y2-N E2E-X7D1-M1J-T-0.3M-N E2FMX1R5D12M E2K-F10MC1 5M EH-302 EI3010TBOP EI5515NPAP MS605AU EP175-32000 IFRM04N35B1/L IFRM04P1513/S35L IFRM06P1703/S35L IFRM08P1501/S35L IFRM12N17G3/L IFRM12P17G3/L IFRM12P3502/L IFRM12P37G1/S14L ILFK12E9189/I02 ILFK12E9193/I02 IMM2582C OISN-013 25.161.3253.0 25.332.0653.1 25.352.0653.0 25.352.0753.0