XS908R4PAM12

inductive sensor XS9 M8 - L66mm - full SS 303 - Sn6 mm - 12..24VDC - M12

Product availability: Non-Stock - Not 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 M8
Size	66 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	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	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M8 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel 303
Front material	Stainless steel 303
Operating zone	> 0...0.19 in (> 0...4.8 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	<= 700 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 40 ms
Delay response	<= 0.00005 ms
Delay recovery	<= 0.023 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Height	0.31 in (8 mm)
Length	2.6 in (66 mm)
Product weight	0.04 lb(US) (0.018 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	00785901447689
Nbr. of units in pkg.	1
Package weight(Lbs)	5.0000000000000003E-2
Returnability	N
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

Life Is On | Schneider Electric

Dimensions

XS908R4PAM12

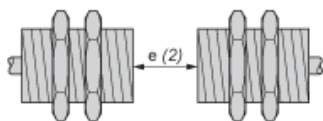---

Minimum Mounting Distances in mm

Side by side

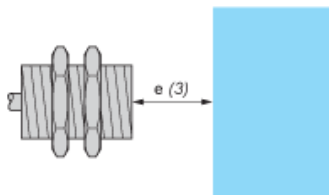e (1) 52 mm/2.05 in.
≥

Face to face
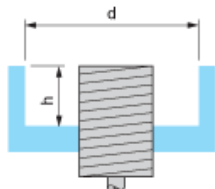

e (2) 25 mm/0.98 in.
≥

Facing a metal object
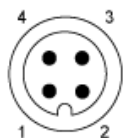

e (3) 20 mm/0.79 in.
≥

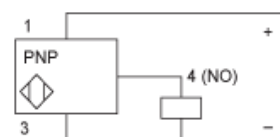Mounted in a metal support

d ≥   20 mm/0.79 in.
h ≥   15 mm/0.59 in

Wiring Schemes

M12 connector

PNP

1 :   (+)
2 :   Not connected
3 :   (-)
4 :   NO Output

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric](#):
  [XS908R4PAM12](#)