XS918S4PAM12

inductive sensor XS9 M18 - L64mm - full SS 316L - Sn20 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	Food and beverage		
Sensor name	XS9		
Sensor design	Cylindrical M18		
Size	64 mm		
Body type	Single piece body		
Enclosure material	Stainless steel 316L		
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	1224 V DC with reverse polarity protection		
Switching capacity in mA	<= 200 mA with overload and short-circuit protection		

IP68 conforming to IEC 60529

IP69K conforming to DIN 40050

Complementary

Complementary	
Thread type	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel 316L
Front material	Stainless steel 316L
Operating zone	> 00.63 in (> 016 mm)
Differential travel	115 % of Sr
Repeat accuracy	<= 5 % of Sr
Output circuit type	DC
Status LED	1 LED yellow output state
Supply voltage limits	1030 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)

IP degree of protection

Environment

Product certifications	CULus Ecolab -13185 °F (-2585 °C)	
Ambient air temperature for operation		
Ambient air temperature for storage	-13185 °F (-2585 °C)	
Vibration resistance	25 gn amplitude = +/- 1 mm (f = 1055 Hz) conforming to IEC 60068-2-6	
Shock resistance	30 gn 11 ms conforming to IEC 60068-2-27	

Ordering and shipping details

ategory	22486 - SENSORS, PROXIMITY
iscount Schedule	DS2
TIN	00785901236917
br. of units in pkg.	1
ackage weight(Lbs)	0.1400000000000001
eturnability	N
ountry of origin	HU
•	ни

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	

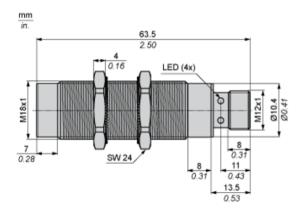
Contractual warranty

Warranty period	18 months	

Product data sheet Dimensions Drawings

XS918S4PAM12

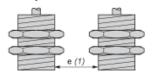
Dimensions



XS918S4PAM12

Minimum Mounting Distances

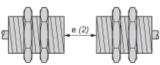
Side by side



e (1) 182 mm/7.16 in.

≥

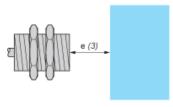
Face to face



e (2) 70 mm/2.75 in.

≥

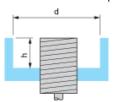
Facing a metal object



e (3) 60 mm/2.36 in

≥

Mounted in a metal support



 $d \ge 60 \text{ mm}/2.36 \text{ in}$ $h \ge 34 \text{ mm}/1.34 \text{ in}$

Product data sheet Connections and Schema

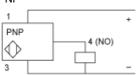
XS918S4PAM12

Wiring Schemes

M12 connector



PNP



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