

# XS918R1PAM12

inductive sensor XS9 M18 - L64mm - full SS  
303 - Sn10 mm - 12..24VDC - M12

Product availability: Stock - Normally stocked in distribution facility



## Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific 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	0.39 in (10 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

ISO thread	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel 303
Front material	Stainless steel 303
Operating zone	> 0...0.31 in (> 0...8 mm)
Differential travel	1...15% of Sr
Repeat accuracy	<= 5% of Sr
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...30 V DC
Residual current	<= 0.1 mA for open state
Switching frequency	<= 300 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	1.65 in (42 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 for 11 ms conforming to IEC 60068-2-27

## Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901321507
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CH

## Offer Sustainability

Sustainable offer status	Not Green Premium product
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## Contractual warranty

Period	18 months
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