XS212SAPAM12

inductive sensor XS2 M12 - L61mm - stainless - Sn7mm - 12..24VDC - M12

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	Food and beverage
Sensor name	XS2
Sensor design	Cylindrical M12
Size	61 mm
Body type	Fixed
Enclosure material	Stainless steel 316 L
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	7 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 IP69 K conforming to DIN 40050

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel
[Sd] sensing range	> 4...8 mm
Operating zone	0...5.6 mm
Differential travel	1...15% of Sr
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 2500 Hz
Voltage drop	≤ 2 V at closed state
Current consumption	≤ 10 mA at no-load
Delay first up	≤ 10 ms
Delay response	≤ 0.2 ms
Delay recovery	≤ 0.2 ms
Marking	CE
Threaded length	37 mm
Length	61 mm
Product weight	0.035 kg

Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...85 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
RoHS EUR conformity date	0821
RoHS EUR status	Compliant

Schneider Electric