Product datasheet
Characteristics

xs218samau20
inductive sensor XS2 M18 - L72mm - stainless - Sn12mm - 24..240VAC/DC - 1/2"



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 M18
Size	72 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	12 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	3 pins 1/2"20 UNF male connector
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...240 V DC
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP69 K conforming to DIN 40050 IP67 conforming to IEC 60529

Complementary

ISO thread	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 316 L
Operating zone	0...9.6 mm
Differential travel	1...15% of Sr
Status LED	1 LED yellow for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.8 mA for open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 30 ms
Delay response	<= 0.5 ms
Delay recovery	<= 0.5 ms
Marking	CE
Threaded length	44 mm
Length	72 mm
Product weight	0.06 kg

Environment

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Product certifications	CCC 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0821 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available