Product data sheet Characteristics

XS218SANAL2

inductive sensor XS2 M18 - L60mm - stainless - Sn12mm - 12..24VDC - cable 2m





Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Food and beverage
Sensor name	XS2
Sensor design	Cylindrical M18
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	12 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

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Thread type	M18 x 1	(
Detection face	Frontal	F
Front material	PPS	

Enclosure material	Stainless steel 316 L
Operating zone	09.6 mm
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PVC
Status LED	1 LED yellow for output state
Supply voltage limits	1036 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	40 mm
Length	60 mm
Product weight	0.12 kg

Environment

Product certifications	UL CSA
Ambient air temperature for operation	-2585 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 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 (date code: YYWW)	Compliant - since 0936 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	
	Product environmental	
Product end of life instructions	Available	
	End of life manual	

Contractual warranty