Product data sheet
Characteristics

XS218SAPAM12
inductive sensor XS2 M18 - L70mm - stainless - Sn12mm - 12..24VDC - M12

Main

Commercial Status	Commercialised
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	70 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	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	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	10...36 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	42 mm
Length	70 mm
Product weight	0.06 kg

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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 compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0821

Contractual warranty

Period	18 months