XS2L2SAPAL10

inductive sensor XS2 Ø18 - L60mm - stainless - Sn12mm - 12..24VDC - cable 10m

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Food and beverage
Market segment	Pharmaceutical
Sensor name	XS2
Sensor design	Cylindrical Ø 18 mm plain
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	PNP
Electrical connection	Cable
Cable length	10 m
[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 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 316 L
Sensing range	> 8...15 mm
Operating zone	0…9.6 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…36 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Threaded length	0 mm
Length	60 mm
Net weight	0.44 kg

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Environment

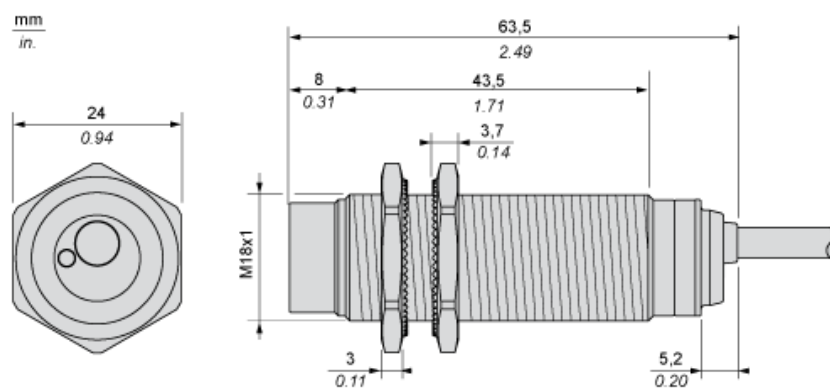|	
Product certifications	UL CSA
Ambient air temperature for operation	-25…85 °C
Ambient air temperature for storage	-40…85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10…55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Package 1 Weight	0.282 kg
Package 1 Height	0.018 dm
Package 1 width	0.018 dm
Package 1 Length	0.600 dm

Contractual warranty

Warranty	18 months

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Dimensions

Minimum Mounting Distances

Side by side

e (1) 72 mm/2.83 in.
≥

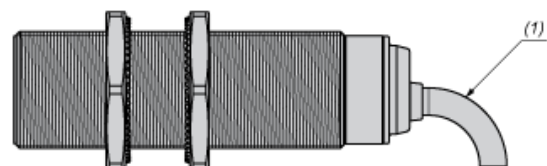Face to face

e (2) 144 mm/5.67 in.
≥

Facing a metal object

e (3) 36 mm/1.42 in
≥
(1)   Metal
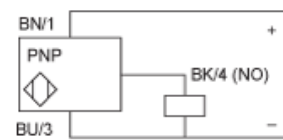(2)   Object to be detected

Mounting

(1)   Bending cable: 4 x external cable diameter

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Wiring Schemes

PNP

BU : Blue
BN : Brown
BK : Black