

XS2L2SAPAL2

inductive sensor XS2 Ø18 - 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 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	2 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

Operating zone	0...9.6 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
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	0.12 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

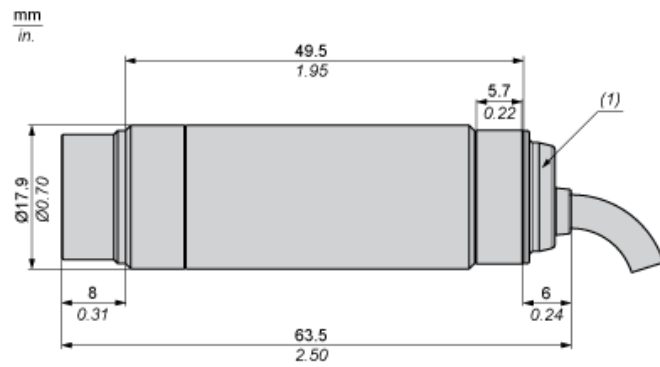
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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Dimensions



(1) LED

Minimum Mounting Distances

Side by side



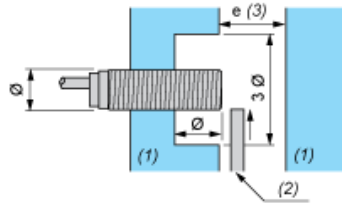
$e (1) \geq 72 \text{ mm}/2.83 \text{ in.}$

Face to face



$e (2) \geq 144 \text{ mm}/5.67 \text{ in.}$

Facing a metal object



$e (3) \geq 36 \text{ mm}/1.42 \text{ in}$

(1) Metal

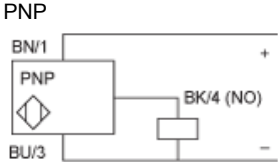
(2) Object to be detected

Mounting



(1) Bending cable: 4 x external cable diameter

Wiring Schemes



- BU : Blue
- BN : Brown
- BK : Black