

# XS218SAMAL2

inductive sensor XS2 M18 - L60mm - stainless  
- Sn12mm - 24..240VAC/DC - 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	2-wire
[Sn] nominal sensing distance	12 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	2 m
[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	IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050



## Complementary

Thread type	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
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
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	40 mm
Length	60 mm
Product weight	0.12 kg

## Environment

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	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0936 - <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available  <a href="#">Download Product Environmental</a>
Product end of life instructions	Available  <a href="#">Download End Of Life Manual</a>

(1) LED

## 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



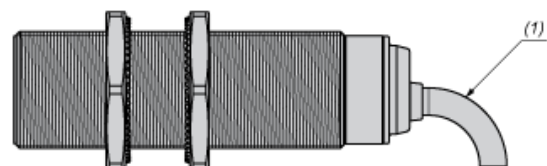
e (3) 36 mm/1.42 in

≥

(1) Metal

(2) Object to be detected

## Mounting



(1) Bending cable: 4 x external cable diameter

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## Wiring Schemes

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### 2-Wire AC or DC

NO output



BU : Blue  
BN : Brown