XS230AAMAL10

inductive sensor XS2 M30 - L60mm - PPS - Sn22mm - 24..240VAC/DC - cable 10m

Green Premium™ Product

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 M30
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	22 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	10 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	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Sensing range	> 15...40 mm
Operating zone	0…17.6 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20…264 V AC/DC
Maximum residual current	0.8 mA open state
Switching frequency	<= 25 Hz AC <= 300 Hz DC
Maximum voltage drop	<5.5 V (closed)
Maximum delay first up	30 ms
Maximum delay response	0.5 ms
Maximum delay recovery	2 ms
Marking	CE
Threaded length	51 mm

Length	60 mm
Net weight	0.46 kg

Environment

Product certifications	CSA CCC 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

Packing Units

Package 1 Weight	0.309 kg
Package 1 Height	0.030 dm
Package 1 width	0.030 dm
Package 1 Length	0.600 dm

Offer Sustainability

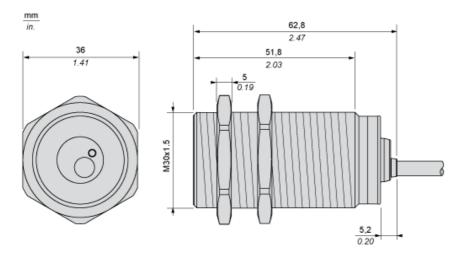| Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile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

Contractual warranty

Warranty	18 months

Telemecanique
Sensors

XS230AAMAL10

Dimensions

mm / in.

36 / 1.41

62,8 / 2.47

51,8 / 2.03

5 / 0.19

M30x1.5

5,2 / 0.20
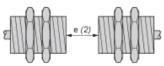
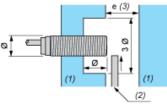## Minimum Mounting Distances in mm

Side by side

e (1) 120 mm/4.72 in.
≥

Face to face

e (2) 264 mm/10.39 in.
≥

Facing a metal object

e (3) 66 mm/2.60 in.
≥
(4)   Metal
(5)   Object to be detected
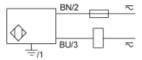
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Sensors

Wiring Schemes

2-Wire AC or DC

NO output

BU : Blue
BN : Brown