XS1M30MA250

inductive sensor XS1 M30 - L60mm - brass - Sn10mm - 24..240VAC/DC - cable 2m





Main

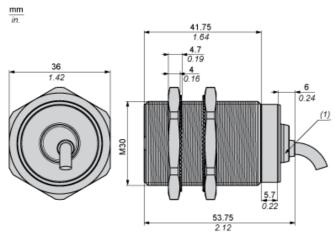
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	2-wire
Output circuit type	AC/DC
Protection type	Short-circuit protection multi voltage
Device application	2-wire DC short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M30
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.39 in (10 mm)
Discrete output function	1 NO
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24210 V DC 24240 V AC 50/60 Hz
Switching capacity in mA	5300 mA AC overload and short-circuit protection 5200 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529

Complementary

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel Plated Brass
Operating zone	0.000.31 in (08 mm)
Differential travel	115% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow) Supply on 1 LED green)
Supply voltage limits	20264 V AC/DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 2000 Hz DC <= 25 Hz AC
Maximum voltage drop	<5.5 V closed state)
Maximum delay first up	70 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Threaded length	2.01 in (51 mm)

2.36 in (60 mm)
0.45 lb(US) (0.205 kg)
UL CSA CCC
-13158 °F (-2570 °C)
-40185 °F (-4085 °C)
25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
50 gn 11 ms IEC 60068-2-7
22486 - SENSORS, PROXIMITY
DS2
00785901910633
1
0.46 lb(US) (0.21 kg)
Yes
FR
1.320 dm 0.950 dm 0.410 dm
Green Premium product
WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
☑ REACh Declaration
Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Yes
€Yes
Product Environmental Profile
End Of Life Information
18 months

Dimensions

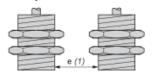


(1) LED

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Minimum Mounting Distances

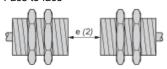
Side by side



e (1) 20 mm/0.79 in

≥

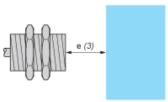
Face to face



e (2) 120 mm/4.72 in

≥

Facing a metal object



e (3) 30 mm/1.18 in.

≥

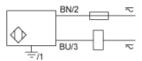
Product data sheet Connections and Schema

XS1M30MA250

Wiring Schemes

2-Wire AC or DC

NO output

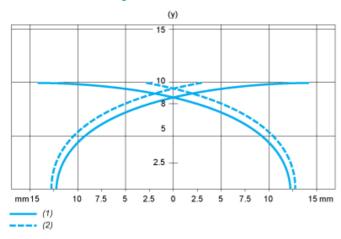


BU: Blue BN: Brown

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Performance Curves

Standard Steel Target: 30x30x1 mm



- (1) Pick-up points
- (2) Drop-out points (object approaching from the side)
- (y) Sensing distance in mm