XS1M30MA250

Inductive proximity sensors XS, inductive sensor XS1 M30, L60mm, brass, Sn10mm, 24...240VAC/DC, cable 2 m





Main

Range of Product	Telemecanique Inductive proximity sensors 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 conforming to IEC 60529

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 mm²	
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)	
Length	2.36 in (60 mm)	
Net Weight	0.45 lb(US) (0.205 kg)	
Environment		
Product Certifications	UL	
	CSA	
	CCC	

	CSA CCC
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-7

Ordering and shipping details

ordering and ompping detaile	
Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389110916034
Nbr. of units in pkg.	1
Package weight(Lbs)	6.70 oz (190 g)
Returnability	Yes
Country of origin	FR

Packing Units

1 doking office	
Unit Type of Package 1	PCE
Package 1 Height	1.61 in (4.1 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.20 in (13.2 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Weight	19.47 lb(US) (8.832 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

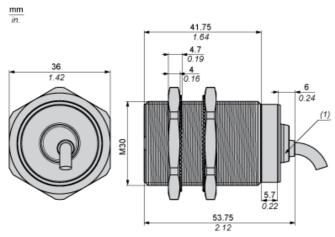
Offer Sustainability

Sustainable offer status	Green Premium product	
California proposition 65	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 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 mo	nths

Dimensions

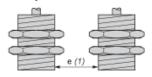


(1) LED

XS1M30MA250

Minimum Mounting Distances

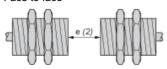
Side by side



e (1) 20 mm/0.79 in

≥

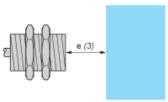
Face to face



e (2) 120 mm/4.72 in

≥

Facing a metal object



e (3) 30 mm/1.18 in.

≥

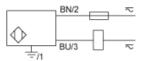
Product data sheet Connections and Schema

XS1M30MA250

Wiring Schemes

2-Wire AC or DC

NO output

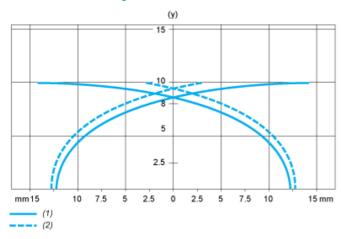


BU: Blue BN: Brown

XS1M30MA250

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Proximity Sensors category:

Click to view products by Schneider manufacturer:

Other Similar products are found below:

01.001.5653.1 70.340.1028.0 70.360.2428.0 70.364.4828.0 70.810.1053.0 72.360.1628.0 73.363.6428.0 8027AL20NL2CPXX FYCC8E1-2 9221350022 922AA2W-A9P-L PLS2 GL-12F-C2.5X10(LOT3) 972AB2XM-A3N-L 972AB3XM-A3P-L PS3251 980659-1 QT-12 E2E2-X5M41-M4 E2E-X14MD1-G E2E-X2D1-G E2EX2ME2N E2EX3D1SM1N E2E-X4MD1-G E2E-X5E1-5M-N E2E-X5Y2-N E2E-X7D1-M1J-T-0.3M-N E2FMX1R5D12M E2K-F10MC1 5M EH-302 EI3010TBOP EI5515NPAP MS605AU EP175-32000 IFRM04N35B1/L IFRM04P1513/S35L IFRM06P1703/S35L IFRM08P1501/S35L IFRM12N17G3/L IFRM12P17G3/L IFRM12P3502/L IFRM12P37G1/S14L ILFK12E9189/I02 ILFK12E9193/I02 IMM2582C OISN-013 25.161.3253.0 25.332.0653.1 25.352.0653.0 25.352.0753.0