Product data sheet Characteristics

XS4P12MA230

inductive sensor XS4 M12 - L52mm - PPS - Sn4mm - 24..240VAC/DC - cable 2m



Product availability: Stock - Normally stocked in distribution facility



Main	
Device application	-
Size	52 mm
[Sn] nominal sensing distance	0.16 in (4 mm)
Electrical connection	Cable
[Us] rated supply voltage	24240 V AC/DC 50/60 Hz
Switching capacity in mA	5200 mA AC/DC
IP degree of protection	IP68 double insulation IEC 60529

Complementary

Front material	PPS	
Status LED	Output state 1 LED yellow)	
Supply voltage limits	20264 V AC/DC	
Maximum residual current	0.6 mA open state	
Switching frequency	<= 25 Hz AC <= 3000 Hz DC	
Maximum voltage drop	<5.5 V closed)	
Marking	CE	
Threaded length	1.65 in (42 mm)	
Length	2.05 in (52 mm)	

Environment

Product certifications	CSA Ecolab UL
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901314400
Package weight(Lbs)	0.08 kg (0.18 lb(US))
Returnability	Yes
Country of origin	FR

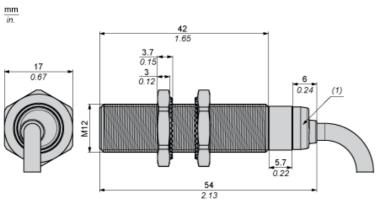
Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl ph- thalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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) EPEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End Of Life Information

Contractual warranty

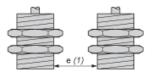
Warranty	18 months

Dimensions



Minimum Mounting Distances

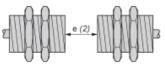
Side by side



e (1) 16 mm/0.63 in.

≥

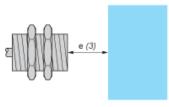
Face to face



e (2) 48 mm/1.89 in.

≥

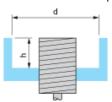
Facing a metal object



e (3) 12 mm/0.47 in.

≥

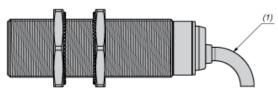
Mounted in a metal support



d ≥ 36 mm/1.42 in.

h ≥ 8 mm/0.31 in.

Mounting



(1) Bending cable: 4 x external cable diameter

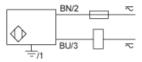
Product data sheet Connections and Schema

XS4P12MA230

Wiring Schemes

2-Wire AC or DC

NO output

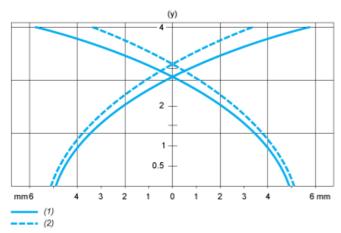


BU: Blue BN: Brown

XS4P12MA230

Performance Curves

Standard Steel Target: 12x12x1 mm



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