

Product data sheet

Characteristics

XS4P12MA230

Inductive sensor XS4 M12, L52mm, PPS, Sn4mm, 24...240VAC/DC, cable 2 m



Product availability: Stock - Normally stocked in distribution facility

Price*: 113.96 USD



Main

Size	52 mm
[Sn] nominal sensing distance	0.16 In (4 mm)
Electrical connection	Cable
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA AC/DC
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Front material	PPS
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20...264 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 10...55 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	03389110912920
Nbr. of units in pkg.	1
Package weight(Lbs)	2.19 Oz (62 g)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 In (4.2 cm)
Package 1 width	5.12 In (13 cm)
Package 1 Length	3.78 In (9.6 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	2.82 Oz (80 g)
Package 2 Height	0.79 In (2 cm)
Package 2 width	7.87 In (20 cm)
Package 2 Length	5.91 In (15 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Weight	8.84 Lb(US) (4.01 kg)
Package 3 Height	11.81 In (30 cm)
Package 3 width	11.81 In (30 cm)
Package 3 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 months
----------	-----------

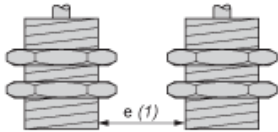
Dimensions



(1) LED

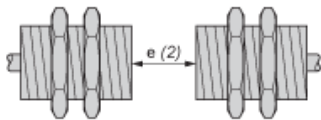
Minimum Mounting Distances

Side by side



$e (1) \geq 6 \text{ mm} / 0.63 \text{ in.}$

Face to face



$e (2) \geq 8 \text{ mm} / 1.89 \text{ in.}$

Facing a metal object



$e (3) \geq 2 \text{ mm} / 0.47 \text{ in.}$

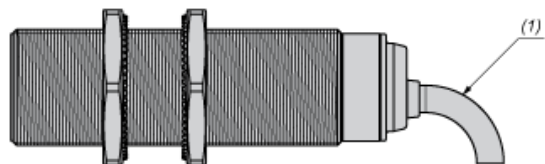
Mounted in a metal support



$d \geq 36 \text{ mm} / 1.42 \text{ in.}$

$h \geq 8 \text{ mm} / 0.31 \text{ in.}$

Mounting



(1) Bending cable: 4 x external cable diameter

Wiring Schemes

2-Wire AC or DC

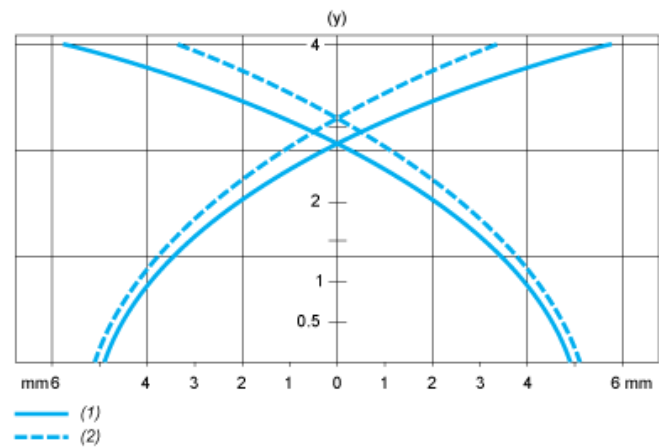
NO output



BU : Blue
BN : Brown

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

Product Life Status : **Commercialised**