

# Product datasheet

Specifications



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

Local distributor code: 21154427 XS4P12MA230

EAN Code : 3389110912920

## Main

Size	52 mm
[Sn] nominal sensing distance	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	42 mm
Length	52 mm

## Environment

Product certifications	CSA Ecolab UL
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	13.0 cm

Package 1 Length	9.6 cm
Package 1 Weight	62.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.223 kg

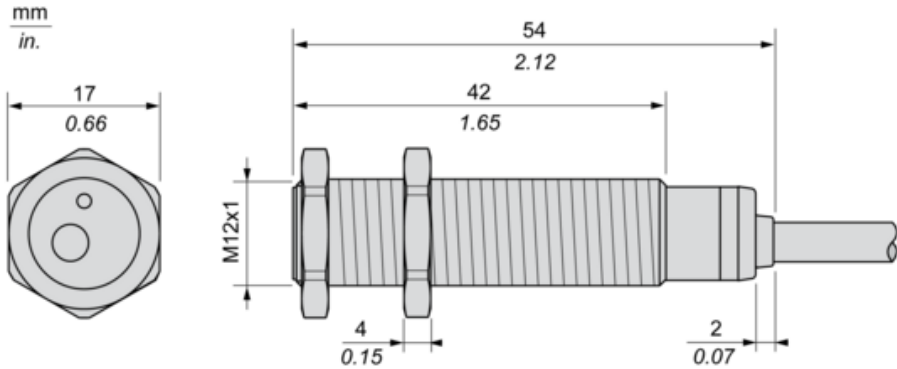
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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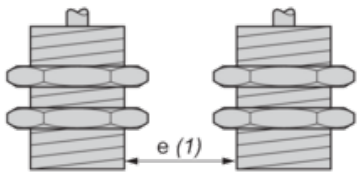
Dimensions



**Minimum Mounting Distances**

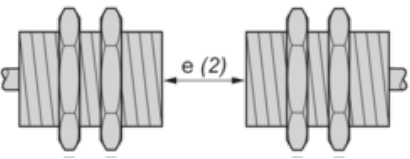
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Side by side



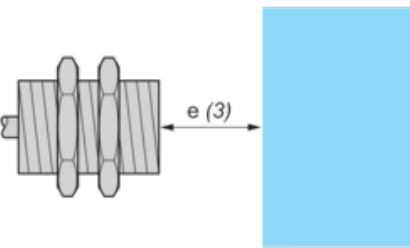
$e (1) \geq 16 \text{ mm}/0.63 \text{ in.}$

Face to face



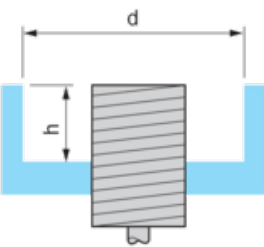
$e (2) \geq 48 \text{ mm}/1.89 \text{ in.}$

Facing a metal object



$e (3) \geq 12 \text{ mm}/0.47 \text{ in.}$

Mounted in a metal support

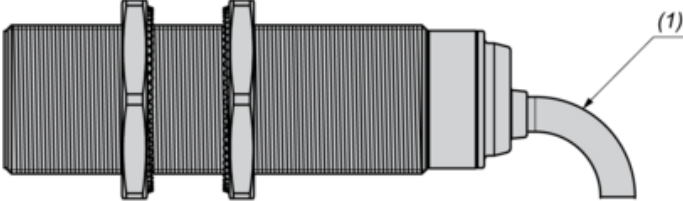


$d \geq 36 \text{ mm}/1.42 \text{ in.}$

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

**Mounting**

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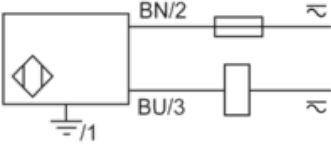
(1) Bending cable: 4 x external cable diameter

**Wiring Schemes**

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**2-Wire AC or DC**

NO output



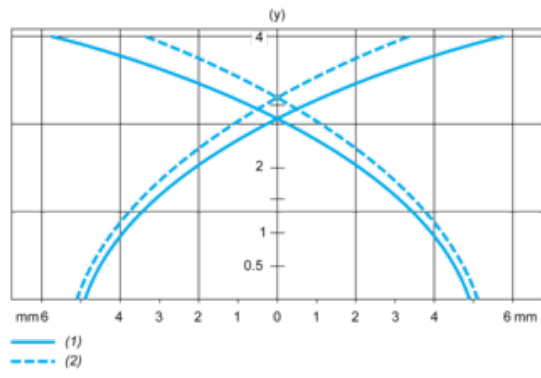
**BU** : Blue

**BN** : Brown

**Performance Curves**

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**Standard Steel Target : 12x12x1 mm**



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

**Recommended replacement(s)**