

## XS4P12MA230

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



### Main

Device application	-
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	1 LED (yellow) for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.6 mA (open state)
Switching frequency	<= 25 Hz (AC) <= 3000 Hz (DC)
Voltage drop	<= 5.5 V (closed)
Marking	CE
Threaded length	42 mm
Length	52 mm

### Environment

product certifications	CSA UL Ecolab
vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

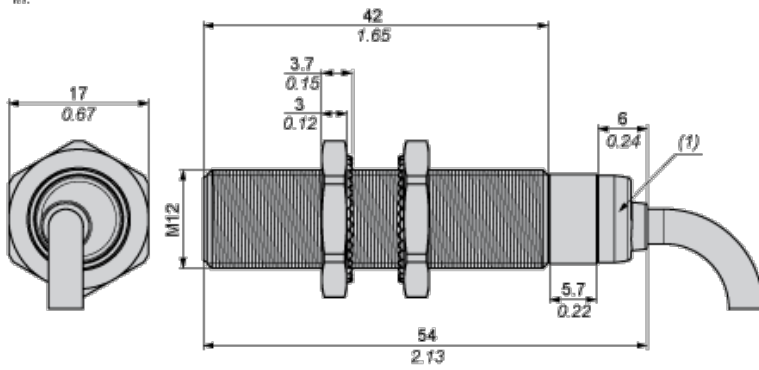
### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0808 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

### Dimensions

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

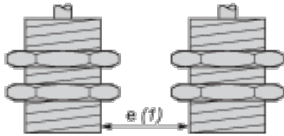
mm  
in.



(1) LED

## Minimum Mounting Distances

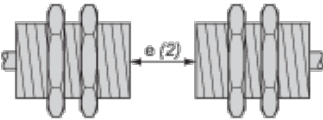
Side by side



e (1) 16 mm/0.63 in.

≥

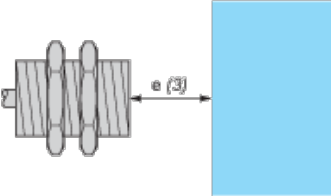
Face to face



e (2) 48 mm/1.89 in.

≥

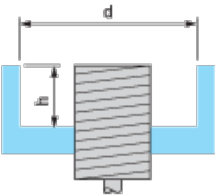
Facing a metal object



e (3) 12 mm/0.47 in.

≥

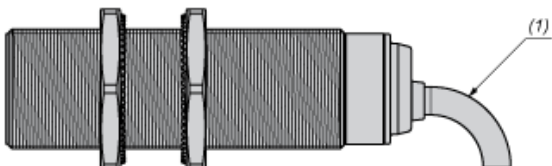
Mounted in a metal support



d ≥ 36 mm/1.42 in.

h ≥ 8 mm/0.31 in.

## Mounting

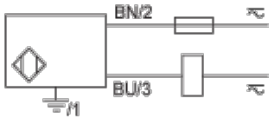


(1) Bending cable: 4 x external cable diameter

## Wiring Schemes

### 2-Wire AC or DC

NO output

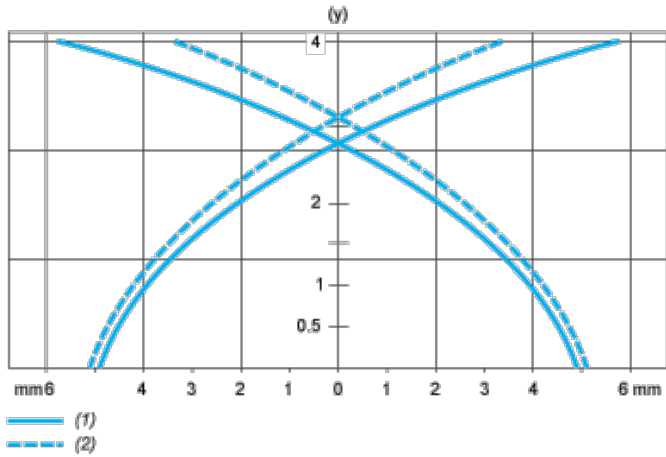


BU : Blue

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