

# XS4P12MA230

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



Price\* : 73.98 GBP



## 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               | 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<br><= 3000 Hz DC |
| Maximum voltage drop     | <5.5 V (closed)              |
| Marking                  | CE                           |
| Threaded length          | 42 mm                        |
| Length                   | 52 mm                        |

## Environment

|                        |   |
|------------------------|---|
| Product certifications | CSA<br>Ecolab<br>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                            |

**Offer Sustainability**

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><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 |
|----------|-----------|

Dimensions



(1) LED

Minimum Mounting Distances

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



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

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

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Mounting

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(1) Bending cable: 4 x external cable diameter

Wiring Schemes

2-Wire AC or DC

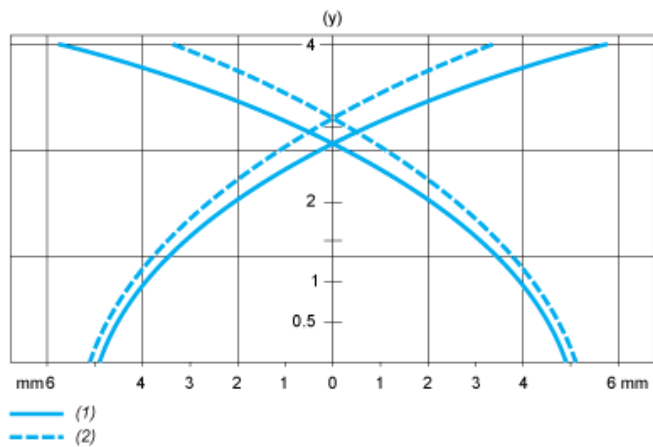
NO output



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