

XS7E1A1NAL01M12

inductive sensor XS7 26x26x13 - PBT - Sn10mm -
12..24VDC - M12 0.15m



Main

| | |
|------------------------------------|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS7 |
| Sensor design | Flat form 26 x 26 x 13 |
| Size | 13 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | 4 pins M12 remote male connector |
| Cable length | 0.15 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 100 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 double insulation conforming to IEC 60529 |

Complementary

| | |
|--------------------------|-------------------------------|
| Detection face | Frontal |
| Front material | PBT |
| Operating zone | 0...8 mm |
| Differential travel | 1...15% of Sr |
| Wire insulation material | PvR |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | 10 ms |
| Delay response | 2 ms |
| Delay recovery | 6 ms |
| Marking | CE |
| Depth | 13 mm |
| Height | 26 mm |
| Width | 26 mm |
| Product weight | 0.04 kg |

Environment

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|------------------------|---------------------|
| product certifications | CSA C-Tick UL |
|------------------------|---------------------|

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

| | |
|---------------------------------------|---|
| | Ecolab |
| ambient air temperature for operation | -25...70 °C |
| ambient air temperature for storage | -40...85 °C |
| 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 |

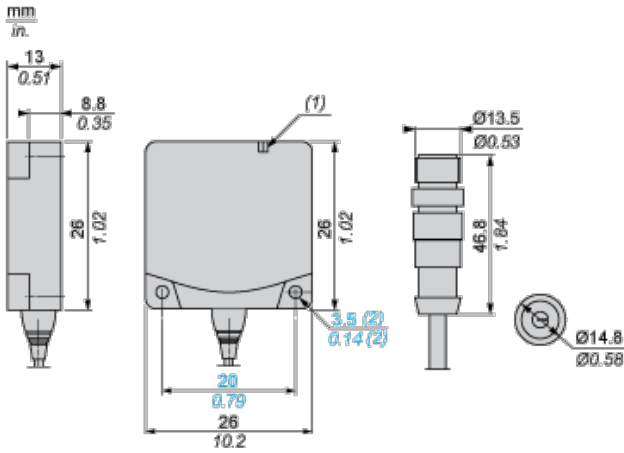
Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0903 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions

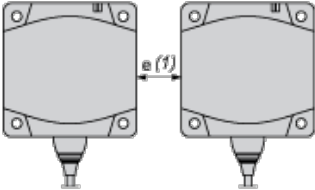


- (1) LED
- (2) For CHC type screws

Setting-up

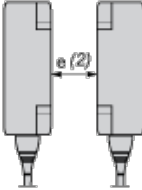
Minimum Mounting Distances (mm)

Side by Side



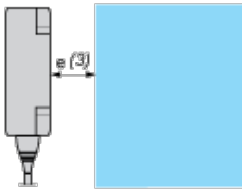
$e (1) 30$
 \geq

Face to Face



$e (2) 72$
 \geq

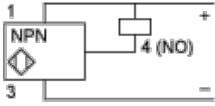
Facing a Metal Object



e (3) 30
≥

Wiring Schemes

NPN



M12

