

XUMTAPCNM8

photo-electric sensor - XUM - reflex - Sn 2m -
12..24VDC - M8



Main

| | |
|-------------------------------|--|
| Range of product | OsiSense XU |
| Series name | Application packaging |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUM |
| Sensor design | Miniature |
| Detection system | Reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | Detection of transparent object |
| Emission | Infrared reflex |
| [Sn] nominal sensing distance | 2 M reflex need reflector XUZC50 1 m reflex need reflector XUZC50CR |

Complementary

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|---------------------------|--|
| Enclosure material | PBT |
| Lens material | PC |
| Output type | Solid state |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 7...10 mm |
| Status LED | 1 LED (yellow) for output state 1 LED (green) for supply |
| [Us] rated supply voltage | 12...24 V DC |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 250 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | <= 35 mA no-load |
| Maximum delay first up | 15 ms |
| Maximum delay response | 2 ms |
| Maximum delay recovery | 2 ms |
| Setting-up | Sensitivity adjustment |
| Depth | 77 mm |
| Height | 92 mm |
| Length | 11 mm |
| Width | 31 mm |
| Net weight | 0.2 kg |

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



Environment

| | |
|---------------------------------------|--|
| Product certifications | CSA UL CE |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Immunity to ambient light | 3000 Lux natural light 3000 lux incandescent light |
| Vibration resistance | 7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529 |

Packing Units

| | |
|------------------|----------|
| Package 1 Weight | 0.014 kg |
| Package 1 Height | 0.150 dm |
| Package 1 width | 1.600 dm |
| Package 1 Length | 2.000 dm |

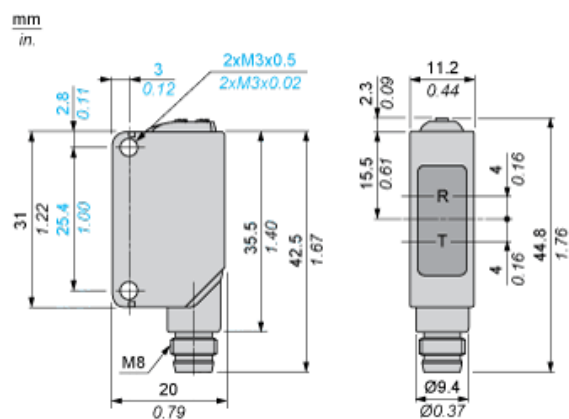
Offer Sustainability

| | |
|----------------------------|--|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |

Contractual warranty

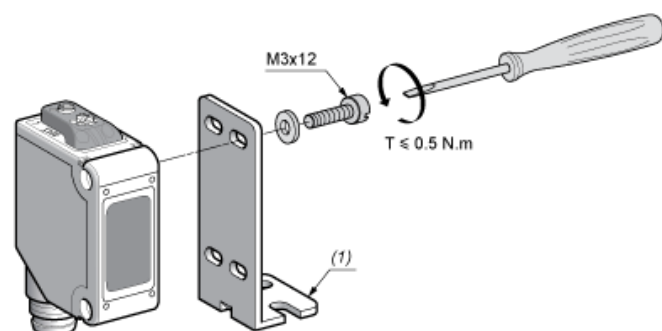
| | |
|----------|-----------|
| Warranty | 18 months |
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Dimensions



R : Reception
T : Transmission

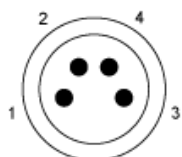
Mounting



(1) Metal bracket

Wiring Schemes

M8 Connector



- 3 : (-)
- 1 : (+)
- 4 : Output
- 2 : Not connected

PNP Output

