

XUX1APBNT16

photo-electric sensor - XUX - reflex - Sn 14m -
12..24VDC - terminals

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

| | |
|-------------------------------|---|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUX |
| Sensor design | Compact 92 x 71 |
| 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 NC |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| Product specific application | - |
| Emission | Infrared reflex |
| [Sn] nominal sensing distance | 45.93 ft (14 m) reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 65.62 ft (20 m) reflex |
| Output type | Solid state |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.28...0.39 in (7...10 mm) |
| Status LED | 1 LED (green) supply 1 LED (yellow) output state |
| [Us] rated supply voltage | 12..24 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 250 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Delay first up | < 15 ms |
| Delay response | < 2 ms |
| Delay recovery | < 2 ms |
| Setting-up | Sensitivity adjustment |
| Depth | 3.03 in (77 mm) |
| Height | 3.62 in (92 mm) |
| Width | 1.22 in (31 mm) |
| Product weight | 0.44 lb(US) (0.2 kg) |

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.

Environment

| | |
|---------------------------------------|--|
| Product certifications | UL CE CSA |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| Ambient air temperature for storage | -40...158 °F (-40...70 °C) |
| 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 | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|--------------------------------|
| Category | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 00785901943358 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.40000000000000002 |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

| | |
|---------------------------|--|
| RoHS (date code: YYWW) | Compliant - since 1136 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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

Dimensions



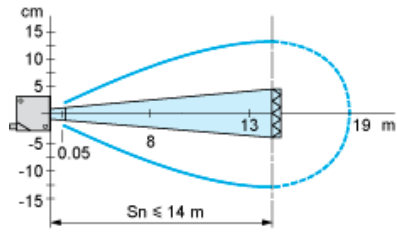
- (1) Elongated hole $\text{Ø } 5.5 \times 7$
- (2) Elongated hole $\text{Ø } 5.5 \times 9$
- (3) $\text{Ø } 5.5$ hole

Wiring Schemes

PNP/NPN DC

| M12 | | Terminals | | |
|-----|---|-----------|---|--------|
| 1 | ● | 1 | ⊘ | + |
| 3 | ● | 2 | ⊘ | - |
| 4 | ● | 3 | ⊘ | Output |

Detection Curves



With reflector XUZC50

Mouser Electronics

Authorized Distributor

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