

# XUBTANSNL2

photo-electric sensor - XUBT - polarised - Sn  
1.4m - 12..24VDC - cable 2m



## Main

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| Range of product              | OsiSense XU                                             |
| Series name                   | Application packaging                                   |
| Electronic sensor type        | Photo-electric sensor                                   |
| Product specific application  | Detection of transparent object                         |
| Sensor name                   | XUBT                                                    |
| Sensor design                 | Cylindrical M18                                         |
| Detection system              | Reflex                                                  |
| Material                      | Plastic                                                 |
| Line of sight type            | Axial                                                   |
| Supply circuit type           | DC                                                      |
| Wiring technique              | 3-wire                                                  |
| Discrete output type          | NPN                                                     |
| Discrete output function      | 1 NO or 1 NC programmable                               |
| Electrical connection         | Cable                                                   |
| Cable length                  | 6.56 ft (2 m)                                           |
| Emission                      | Coaxial polarised red reflex                            |
| [Sn] nominal sensing distance | 0.00...4.59 ft (0...1.4 m) with reflector XUZ C50/C50HP |

## Complementary

|                    |                              |
|--------------------|------------------------------|
| Kit composition    | Sensor<br>Reflector XUZC50HP |
| Enclosure material | PBT                          |
| Lens material      | PMMA                         |
| Beam angle         | 1.5 °                        |
| Blind zone         | 0.00 in (0 mm)               |
| Spot diameter      | 37 mm                        |

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Type of output signal     | Discrete                                                                       |
| Output type               | Solid state                                                                    |
| Wire insulation material  | PvR                                                                            |
| Status LED                | Supply on 1 LED green)<br>Stability 1 LED red)<br>Output state: 1 LED (yellow) |
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection                                       |
| Supply voltage limits     | 10...32 V DC                                                                   |
| Switching capacity in mA  | 100 mA overload and short-circuit protection)                                  |
| Switching frequency       | 1000 Hz                                                                        |
| Maximum voltage drop      | <1.5 V closed state)                                                           |
| Current consumption       | 45 mA no-load                                                                  |
| Maximum delay first up    | 200 ms                                                                         |
| Maximum delay response    | 500 ms                                                                         |
| Maximum delay recovery    | 500 ms                                                                         |
| Net weight                | 0.24 lb(US) (0.11 kg)                                                          |

## Environment

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| Product certifications                | CSA<br>UL<br>CE                                                        |
| Ambient air temperature for operation | 32...131 °F (0...55 °C)                                                |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                                             |
| Vibration resistance                  | 7 gn +/- 1 mm 10...55 Hz) IEC 60068-2-6                                |
| Shock resistance                      | 30 gn 11 ms) IEC 60068-2-27                                            |
| IP degree of protection               | IP65 IEC 60529 double insulation)<br>IP67 IEC 60529 double insulation) |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Weight             | 3.63 oz (103 g)   |
| Package 1 Height             | 1.65 in (4.2 cm)  |
| Package 1 width              | 3.82 in (9.7 cm)  |
| Package 1 Length             | 5.20 in (13.2 cm) |

## Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| 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 |
|----------|-----------|