



Price\* : 61.71 GBP



## Main

|                               |  |
|-------------------------------|--|
| Range of product              | OsiSense XU                                |
| Series name                   | General purpose single mode                |
| Electronic sensor type        | Photo-electric sensor                      |
| Sensor name                   | XUB  |
| Sensor design                 | Cylindrical M18                            |
| Detection system              | Polarised reflex                           |
| Material                      | Metal                                      |
| Line of sight type            | Axial                                      |
| Type of output signal         | Discrete                                   |
| Supply circuit type           | DC   |
| Wiring technique              | 3-wire                                     |
| Discrete output type          | NPN  |
| Discrete output function      | 1 NO                                       |
| Electrical connection         | 1 male connector M12, 4 pins               |
| Product specific application  | -  |
| Emission                      | Red polarised reflex                       |
| [Sn] nominal sensing distance | 2 m polarised reflex need reflector XUZC50 |

## Complementary

|                          |                                 |
|--------------------------|---------------------------------|
| Enclosure material       | Nickel plated brass             |
| Lens material            | PMMA                            |
| Maximum sensing distance | 3 m polarised reflex            |
| Output type              | Solid state                     |
| Add on output            | Without                         |
| Wire insulation material | PvR                             |
| Status LED               | 1 LED (yellow) for output state |

|                           |   |
|---------------------------|---|
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection     |
| Supply voltage limits     | 10...36 V DC                                      |
| Switching capacity in mA  | <= 100 mA (overload and short-circuit protection) |
| Switching frequency       | <= 500 Hz   |
| Maximum voltage drop      | <1.5 V (closed state)                             |
| Current consumption       | 35 mA no-load                                     |
| Maximum delay first up    | 15 ms   |
| Maximum delay response    | 1 ms  |
| Maximum delay recovery    | 1 ms  |
| Setting-up                | Without sensitivity adjustment                    |
| Diameter                  | 18 mm   |
| Length                    | 62 mm   |
| Product weight            | 0.05 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>CE<br>UL   |
| Ambient air temperature for operation | -25...55 °C   |
| Ambient air temperature for storage   | -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               | IP67 double insulation conforming to IEC 60529<br>IP65 double insulation conforming to IEC 60529<br>IP69K double insulation conforming to DIN 40050 |

## 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 |
|----------|-----------|