



Price\* : 94.00 GBP



## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Range of product              | OsiSense XU                 |
| Series name                   | General purpose single mode |
| Electronic sensor type        | Photo-electric sensor       |
| Sensor name                   | XU5                         |
| Sensor design                 | Cylindrical M18             |
| Detection system              | Diffuse                     |
| Material                      | Metal                       |
| Line of sight type            | Axial                       |
| Type of output signal         | Discrete                    |
| Supply circuit type           | AC/DC                       |
| Wiring technique              | 2-wire                      |
| Discrete output function      | 1 NO                        |
| Electrical connection         | Cable                       |
| Cable length                  | 5 m                         |
| Product specific application  | -                           |
| Emission                      | Infrared diffuse            |
| [Sn] nominal sensing distance | 0.4 m diffuse               |

## Complementary

|                          |                                 |
|--------------------------|---------------------------------|
| Enclosure material       | Nickel plated brass             |
| Lens material            | PMMA                            |
| Maximum sensing distance | 0.6 m                           |
| Output type              | Solid state                     |
| Add on output            | Without                         |
| Wire insulation material | PvR                             |
| Status LED               | 1 LED (yellow) for output state |

|                           |   |
|---------------------------|---|
| [Us] rated supply voltage | 24...240 V AC/DC  |
| Supply voltage limits     | 20...264 V AC/DC  |
| Maximum residual current  | 1.5 mA open state   |
| Switching capacity in mA  | 10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load) |
| Switching frequency       | <= 25 Hz  |
| Maximum voltage drop      | <6 V (closed state)   |
| Maximum delay first up    | 300 ms  |
| Maximum delay response    | 20 ms   |
| Maximum delay recovery    | 20 ms   |
| Setting-up                | Sensitivity adjustment  |
| Diameter                  | 18 mm   |
| Length                    | 82 mm   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | UL<br>CE<br>CSA   |
| 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                            |

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