



### Main

|                               |                                   |
|-------------------------------|-----------------------------------|
| Range of product              | OsiSense XU                       |
| Series name                   | Application assembly              |
| Electronic sensor type        | Photo-electric sensor transmitter |
| Sensor name                   | XUA                               |
| Sensor design                 | Cylindrical M8                    |
| Detection system              | Thru beam                         |
| Material                      | Metal                             |
| Line of sight type            | Axial                             |
| Supply circuit type           | DC                                |
| Wiring technique              | 3-wire                            |
| Electrical connection         | 1 male connector M8, 3 pins       |
| Emission                      | Infrared thru beam                |
| [Sn] nominal sensing distance | 2 m thru beam need a receiver     |

### Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | Nickel plated brass                           |
| Lens material             | PMMA  |
| Add on input              | Test by emission breaking                     |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits     | 10...30 V DC                                  |
| Current consumption       | <= 15 mA                                      |
| Maximum delay first up    | 20 ms   |
| Setting-up                | Without sensitivity adjustment                |
| Diameter                  | 8 mm  |
| Length                    | 47 mm   |
| Product weight            | 0.015 kg                                      |

### Environment

|                                       |             |
|---------------------------------------|-------------|
| Product certifications                | CE<br>CULus |
| Ambient air temperature for operation | -25...55 °C |

|                                     |   |
|-------------------------------------|---|
| Ambient air temperature for storage | -30...70 °C   |
| Vibration resistance                | 7 gn, amplitude = +/- 1 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 conforming to IEC 60529  |

### Offer Sustainability

|                            |   |
|----------------------------|---|
| 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>   |

### Contractual warranty

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