



### Main

|                               |                                   |
|-------------------------------|-----------------------------------|
| Range of product              | OsiSense XU                       |
| Series name                   | General purpose single mode       |
| Electronic sensor type        | Photo-electric sensor transmitter |
| Sensor name                   | XUB                               |
| Sensor design                 | Cylindrical M18                   |
| Detection system              | Thru beam                         |
| Material                      | Plastic                           |
| Line of sight type            | Axial                             |
| Type of output signal         | Discrete                          |
| Supply circuit type           | DC                                |
| Wiring technique              | 3-wire                            |
| Electrical connection         | Cable                             |
| Cable length                  | 5 m                               |
| Product specific application  | -                                 |
| Emission                      | Infrared thru beam                |
| [Sn] nominal sensing distance | 15 m thru beam need a receiver    |

### Complementary

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Enclosure material        | PBT                                               |
| Lens material             | PMMA                                              |
| Maximum sensing distance  | 20 m thru beam                                    |
| Output type               | Solid state                                       |
| Add on input              | Test by emission breaking                         |
| Wire insulation material  | PvR                                               |
| Status LED                | 1 LED (green) for supply on                       |
| [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                                         |
| Voltage drop              | 1.5 V (closed state)                              |
| Current consumption       | 35 mA (no-load)                                   |

|                |                                |
|----------------|--------------------------------|
| Delay first up | < 15 ms                        |
| Delay response | < 1 ms                         |
| Delay recovery | < 1 ms                         |
| Setting-up     | Without sensitivity adjustment |
| Diameter       | 18 mm                          |
| Length         | 46 mm                          |

## Environment

|                                       |                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| Product certifications                | CE<br>CSA<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               | IP65 double insulation conforming to IEC 60529<br>IP67 double insulation conforming to IEC 60529 |

## Offer Sustainability

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW)           | Compliant - since 0903 - Schneider Electric declaration of conformity<br> <a href="#">Schneider Electric declaration of conformity</a> |
| Product environmental profile    | Available<br> <a href="#">Product Environmental Profile</a>                                                                            |
| Product end of life instructions | Available<br> <a href="#">End of Life Information</a>                                                                                  |

## Contractual warranty

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