



Main

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|-------------------------------|-----------------------------------|
| 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 | 90° lateral |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 15 m thru beam need a receiver |

Buy online

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 | 62 mm |

Environment

| | |
|---------------------------------------|--|
| Product certifications | CE CSA 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 IP67 double insulation conforming to IEC 60529 |

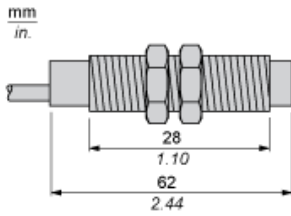
Offer Sustainability

| | |
|--------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0821 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |

Contractual warranty

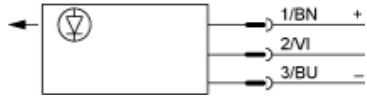
| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



Wiring Schemes

Transmitter



BN : Brown

BU : Blue

VI : Violet

Input 2/VI:

- not connected: beam made
- connected to -: beam broken

Detection Curves

