



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 | XUM |
| Sensor design | Miniature |
| Detection system | Thru beam |
| [Sd] sensing range | > 5...15 m |
| Material | Plastic |
| Supply circuit type | DC |
| Wiring technique | 2-wire |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | - |
| Emission | Red thru beam |
| [Sn] nominal sensing distance | 15 m thru beam need a receiver |

Complementary

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|---------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Add on input | Test by emission breaking |
| Status LED | 1 LED (orange) for supply on |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 3 V (closed state) |
| Current consumption | 11 mA (no-load) |
| Delay first up | < 100 ms |
| Delay response | 0.5 ms |
| Delay recovery | 0.5 ms |
| Setting-up | Sensitivity adjustment |
| Depth | 12 mm |
| Height | 34 mm |
| Width | 20 mm |
| Product weight | 0.01 kg |

Environment

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|---------------------------------------|---|
| Product certifications | CE CTick CULus |
| Ambient air temperature for operation | -30...60 °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 conforming to IEC 60529 IP67 conforming to IEC 60529 |
| RoHS EUR status | Compliant |
| RoHS EUR conformity date | 0841 |