



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 |
| Material | Plastic |
| Supply circuit type | DC |
| Wiring technique | 2-wire |
| Electrical connection | Cable |
| Cable length | 2 m |
| Emission | Red thru beam |
| [Sn] nominal sensing distance | 15 m need a receiver |

Complementary

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|---------------------------|---|
| Enclosure material | PBT |
| Lens material | Modified polyarylate |
| Wire insulation material | PVC |
| Status LED | 1 LED (orange) for supply on |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10.2...26.4 V DC |
| Voltage drop | <= 2 V |
| Current consumption | 12 mA (no-load) |
| Delay first up | <= 100 ms |
| Depth | 20 mm |
| Height | 34 mm |
| Width | 11 mm |
| Product weight | 0.063 kg |

Environment

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| Product certifications | CE |
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UL
RCM

| | |
|---------------------------------------|--|
| Ambient air temperature for operation | -30...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | +/- 1.5 mm (f = 10...55 Hz) 2 hours in each direction X, Y and Z conforming to IEC 60068-2-6 |
| Shock resistance | 500 m/s ² (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 conforming to IEC 60529 |