



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 | XUK |
| Sensor design | Compact 50 x 50 |
| Detection system | Thru beam |
| Material | Plastic |
| Supply circuit type | AC/DC |
| Wiring technique | 2-wire |
| Electrical connection | Cable |
| Cable length | 10 m |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 30 m need a receiver |
| Wire insulation material | PVC |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Switching capacity in mA | 3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V) |

Complementary

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|--------------------------|---------------------------|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 45 m |
| Add on input | Test by emission breaking |
| Status LED | Supply on: 1 LED (green) |
| Supply voltage limits | 20...264 V AC/DC |
| Switching frequency | <= 250 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | <= 35 mA no-load |
| Maximum delay first up | 60 ms |
| Maximum delay response | 25 ms |
| Maximum delay recovery | 25 ms |

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| Setting-up | Without sensitivity adjustment |
| Depth | 18 mm |
| Height | 50 mm |
| Width | 50 mm |

Environment

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| 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 |

Offer Sustainability

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| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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