



Main

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| Range of product | OsiSense XU |
| Series name | Universal |
| Electronic sensor type | Photo-electric sensor transmitter |
| Specific application of photoelectric detector | Object |
| Sensor name | XUX |
| Sensor design | Compact |
| Material | Plastic |
| Detection system | Thru beam |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 40 m thru beam |
| Wiring technique | 3 wires |
| Electrical connection | Screw-clamp terminals 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Switching capacity in mA | 0,5 A cos ϕ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V 3 A cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V |
| Current consumption | 20 mA no-load |
| Time delay range | 0,02...15 s monostable, on-delay or off-delay (programmable) |

Complementary

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|--------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 60 m thru beam |
| Add on input | Test by emission breaking |
| Cable entry | 1 entry for M16 x 1.5 cable gland 7...10 mm |
| Status LED | 1 LED green supply on 1 LED yellow output state |
| Supply circuit type | AC/DC |
| Supply voltage limits | 20...264 V AC/DC |
| Switching frequency | \leq 20 Hz |
| Voltage drop | \leq 1,5 V closed state |
| Delay first up | < 200 ms |
| Delay response | < 25 ms |
| Delay recovery | < 25 ms |
| Setting-up | Without sensitivity adjustment |
| Electrical durability | 500000 cycles 0,4 500 cyc/mn 500000 cycles 1 3000 cyc/mn |
| Depth | 30 mm |
| Height | 92 mm |
| Width | 77 mm |
| Product weight | 0,2 kg |

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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 +/- 1.5 mm 10...55 Hz IEC 60068-2-6 |
| Shock resistance | 30 gn 11 ms IEC 60068-2-27 |
| IP degree of protection | IP65 double insulation IEC 60529 IP67 double insulation IEC 60529 |
| RoHS EUR conformity date | 0914 |
| RoHS EUR status | Compliant |