

XUX9ARCNT16

photo-electric sensor - XUX - polarised - Sn 11m - 24..240VAC/DC - terminals



Main

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| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUX |
| Sensor design | Compact 92 x 71 |
| Detection system | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 C/O |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 11 m polarised reflex need reflector XUZC50 |

Complementary

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| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 15 m polarised reflex |
| Output type | Relay |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 7...10 mm |
| Status LED | 1 LED (yellow)for output state 1 LED (red)for instability 1 LED (green)for supply |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC |
| Switching capacity in mA | 3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V) 0.5 A (cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) |
| Switching frequency | <= 20 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | <= 35 mA no-load |





Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Maximum power consumption in W | 2 W AC/DC |
| Maximum delay first up | 60 ms |
| Maximum delay response | 25 ms |
| Maximum delay recovery | 25 ms |
| Setting-up | Sensitivity adjustment |
| Electrical durability | 500000 cycles, cos f = 1, operating rate <60 cyc/mn at 250 V 500000 cycles, cos f = 0.4, operating rate <60 cyc/mn at 250 V |
| Depth | 77 mm |
| Height | 92 mm |
| Width | 31 mm |
| Product weight | 0.2 kg |

Environment

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| Product certifications | UL CSA CE |
| 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 | IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| 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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