

Product datasheet

Characteristics

XUB9APBNL2

photo-electric sensor - XUB - polarised - Sn 2m - 12..24VDC - cable 2m



Main

| | |
|-------------------------------|--|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUB |
| Sensor design | Cylindrical M18 |
| Detection system | Polarised reflex |
| Material | Plastic |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NC |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 2 m polarised reflex need reflector XUZC50 |

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

Complementary

| | |
|--------------------------|----------------------|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 3 m polarised reflex |
| Output type | Solid state |
| Add on output | Without |
| Wire insulation material | PvR |

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|---------------------------|---|
| Status LED | 1 LED (yellow) for output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...36 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 500 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | 35 mA no-load |
| Maximum delay first up | 15 ms |
| Maximum delay response | 1 ms |
| Maximum delay recovery | 1 ms |
| Setting-up | Without sensitivity adjustment |
| Diameter | 18 mm |
| Length | 62 mm |
| Net weight | 0.04 kg |

Environment

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|---------------------------------------|--|
| Product certifications | UL CE CSA |
| 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 |

Packing Units

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|------------------|----------|
| Package 1 Weight | 0.090 kg |
| Package 1 Height | 0.420 dm |
| Package 1 width | 0.970 dm |
| Package 1 Length | 1.320 dm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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| Warranty | 18 months |
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