



Main

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| Range of product | OsiSense XU |
| Series name | Application packaging |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUK |
| Sensor design | Compact 50 x 50 |
| Detection system | Reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP or NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | Detection of transparent object |
| Emission | Red reflex |
| [Sn] nominal sensing distance | 1.5 m reflex need reflector XUZC50 |

Complementary

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| Enclosure material | PC |
| Lens material | PMMA |
| Output type | Solid state |
| Output function governance | Dark |
| Add on output | Without |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PVC |
| Cable outer diameter | 6 mm |
| Status LED | 1 LED for output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...30 V AC/DC |

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| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 1.5 kHz |
| Maximum voltage drop | <2 V (closed state) |
| Current consumption | <= 35 mA no-load |
| Time delay range | 0.1...5 s monostable, on-delay or off-delay (programmable) delay |
| Maximum delay first up | 80 ms |
| Maximum delay response | 0.3 ms |
| Maximum delay recovery | 0.3 ms |
| Setting-up | Sensitivity adjustment by potentiometer |
| Depth | 50 mm |
| Height | 50 mm |
| Width | 18 mm |
| Product weight | 0.035 kg |
| Kit composition | Bracket XULZ41 Sensor |

Environment

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|---------------------------------------|---|
| Product certifications | CE UL CSA |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP65 conforming to IEC 60529 IP651 conforming to NF C 20-010 |

Offer Sustainability

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|----------------------------|---|
| 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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