

Price* : 150.75 GBP



Main

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| Range of product | OsiSense XU |
| Series name | Application |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUY |
| Sensor design | Miniature |
| Detection system | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 4-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | Conveyor system and access control series |
| Emission | Red LED, pulsed |
| [Sn] nominal sensing distance | 1 m polarised reflex 4 m thru beam 0.08 m diffuse with background suppression 0.25 m diffuse with adjustable sensitivity |

Complementary

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| Enclosure material | ABS |
| Lens material | PMMA |
| Cover material | PVC |
| Pulse frequency | 6 kHz |
| Output type | Solid state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | 100 mA (overload and short-circuit protection) |
| Switching frequency | 500 Hz |

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| Maximum voltage drop | <2 V at 100 mA (closed state) <1 V at 10 mA (closed state) |
| Current consumption | < 25 mA no-load |
| Maximum delay response | 1 ms |
| Product weight | 0.093 kg |

Environment

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| Product certifications | CULus CE |
| Ambient air temperature for operation | 0...50 °C |
| Ambient air temperature for storage | -20...80 °C |
| Immunity to ambient light | 10000 lux natural light 5000 lux incandescent bulb |
| IP degree of protection | IP65 conforming to IEC 60529 IP67 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 |
| Mercury free | Yes |
| RoHS exemption information | Yes |

Contractual warranty

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| Warranty | 18 months |
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