



Price* : 241.07 GBP



Main

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| Range of product | OsiSense XU |
| Series name | Application material handling |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUB |
| Sensor design | Cylindrical M18 |
| Detection system | Thru beam |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M12 |
| Emission | Red laser class 1 670 nm conforming to IEC 825-1 |
| [Sn] nominal sensing distance | 100 m |

Complementary

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| Enclosure material | PBT |
| Lens material | PMMA |
| Blind zone | 0 mm |
| Output type | Solid state |
| Status LED | Supply on and teaching: 1 LED (green) Stability: 1 LED (red) Output state and alignment aid: 1 LED (yellow) |
| [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) |

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| Switching frequency | 1500 Hz |
| Maximum voltage drop | <1.5 V (closed state) |
| Current consumption | 25 mA no-load |
| Maximum power consumption in W | 1 W |
| Maximum delay first up | 80 ms |
| Maximum delay response | 0.4 ms |
| Maximum delay recovery | 0.4 ms |
| Setting-up | With sensitivity adjustment |
| Product weight | 0.078 kg |
| Kit composition | Transmitter + receiver XUBLAKCNM12T + XUBLANCNM12R |

Environment

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| Product certifications | CSA UL CE |
| Ambient air temperature for operation | -10...45 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 0.75 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 conforming to IEC 60529 (double insulation) |

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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