

Product data sheet

Characteristics

XUB2AKSNM12T

photo-electric sensor - XUB - emitter - 12..24VDC - M12



Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|-------------------------------|---|
| Commercial Status | Commercialised |
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor transmitter |
| Sensor name | XUB |
| Sensor design | Cylindrical M18 |
| Detection system | Thru beam |
| Material | Plastic |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Electrical connection | 1 male connector M12, 4 pins |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 49.21 ft (15 m) thru beam need a receiver |

Complementary

| | |
|---------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 65.62 ft (20 m) thru beam |
| Output type | Solid state |
| Add on input | Test by emission breaking |
| Status LED | 1 LED (green) for supply on |
| [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 |
| Voltage drop | 1.5 V (closed state) |
| Current consumption | 35 mA (no-load) |
| Delay first up | < 15 ms |
| Delay response | < 1 ms |
| Delay recovery | < 1 ms |
| Setting-up | Without sensitivity adjustment |
| Diameter | 0.71 in (18 mm) |
| Length | 2.36 in (60 mm) |
| Product weight | 0.09 lb(US) (0.04 kg) |

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Environment

| | |
|---------------------------------------|---|
| Product certifications | CE CSA UL |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| Ambient air temperature for storage | -40...158 °F (-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 | IP69K double insulation conforming to DIN 40050 IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 21571 - SENSORS, ELECTRONIC BASIC XU & XS |
| Discount Schedule | DS2 |
| GTIN | 00785901821588 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.07 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0821 -  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available  Download Product Environmental |
| Product end of life instructions | Available  Download End Of Life Manual |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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