

# XUB9BNBNM12

photo-electric sensor - XUB - polarised - Sn 2m  
- 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                                |
| Sensor name                   | XUB  |
| Sensor design                 | Cylindrical M18                                      |
| Detection system              | Polarised reflex                                     |
| Material                      | Metal  |
| Line of sight type            | Axial  |
| Type of output signal         | Discrete   |
| Supply circuit type           | DC   |
| Wiring technique              | 3-wire   |
| Discrete output type          | NPN  |
| Discrete output function      | 1 NC   |
| Electrical connection         | 1 male connector M12, 4 pins                         |
| Product specific application  | -  |
| Emission                      | Red polarised reflex                                 |
| [Sn] nominal sensing distance | 6.56 ft (2 m) polarised reflex need reflector XUZC50 |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | Nickel plated brass                               |
| Lens material             | PMMA  |
| Maximum sensing distance  | 9.84 ft (3 m) polarised reflex                    |
| Output type               | Solid state                                       |
| Add on output             | Without   |
| 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   |
| 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                    | 2.44 in (62 mm)                                   |
| Product weight            | 0.11 lb(US) (0.05 kg)                             |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CE<br>CSA<br>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<br>IP65 double insulation conforming to IEC 60529<br>IP67 double insulation conforming to IEC 60529 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 21571 - SENSORS, ELECTRONIC BASIC XU & XS         |
| Discount Schedule     | DS2   |
| GTIN                  | 00785901466222                                    |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.12  |
| 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 0901 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |

## Contractual warranty

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