

# XUB2BNANL2R

photo-electric sensor - XUB - receiver - Sn 15m  
- 12..24VDC - cable 2m



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 receiver                           |
| Sensor name                   | XUB  |
| Sensor design                 | Cylindrical M18  |
| Detection system              | Thru beam  |
| 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 NO   |
| Electrical connection         | Cable  |
| Cable length                  | 6.56 ft (2 m)  |
| Product specific application  | -  |
| Emission                      | Infrared thru beam                                       |
| [Sn] nominal sensing distance | 49.21 ft (15 m) thru beam need a transmitter XUB2BKSNL2T |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | Nickel plated brass                               |
| Lens material             | PMMA  |
| Maximum sensing distance  | 65.62 ft (20 m) thru beam                         |
| Output type               | Solid state                                       |
| Add on output             | Without   |
| Wire insulation material  | PvR   |
| 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                    | 1.81 in (46 mm)                                   |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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               | IP67 double insulation conforming to IEC 60529<br>IP65 double insulation conforming to IEC 60529 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 21571 - SENSORS, ELECTRONIC BASIC XU & XS         |
| Discount Schedule     | DS2   |
| GTIN                  | 00785901915010                                    |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.24  |
| 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 0903 - <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 |
|--------|-----------|

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