

# Product data sheet

## Characteristics

# XUB0AKSNL2T

Photoelectric sensors XU, XUB, emitter, 12...24 VDC, cable 2 m



Product availability: Stock - Normally stocked in distribution facility

Price\*: 67.00 USD



### Main

|                               |   |
|-------------------------------|---|
| Range of Product              | Telemecanique Photoelectric sensors XU    |
| Series name                   | General purpose multimode                 |
| 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         | Cable                                     |
| Cable length                  | 6.56 Ft (2 m)                             |
| Product Specific Application  | -   |
| Emission                      | Infrared thru beam                        |
| [Sn] nominal sensing distance | 65.62 Ft (20 m) thru beam need a receiver |

### Complementary

|                           |  |
|---------------------------|--|
| Enclosure Material        | PBT  |
| Lens material             | PMMA   |
| Maximum sensing distance  | 98.43 Ft (30 m) thru beam                        |
| Output Type               | Solid state                                      |
| Add on input              | Test by emission breaking                        |
| Wire insulation material  | PvR  |
| Status LED                | 1 LED green)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       | <= 250 Hz  |

|                        |                                |
|------------------------|--------------------------------|
| Maximum voltage drop   | <1.5 V closed state)           |
| Current consumption    | 20 mA no-load                  |
| Maximum delay first up | 200 Ms                         |
| Maximum delay response | 2 Ms                           |
| Maximum delay recovery | 2 Ms                           |
| Setting-up             | Without sensitivity adjustment |
| Diameter               | 0.71 In (18 mm)                |
| Length                 | 2.44 In (62 mm)                |
| Net Weight             | 0.21 Lb(US) (0.095 kg)         |

## Environment

|                                       |  |
|---------------------------------------|--|
| Product Certifications                | CSA<br>CE<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 +/- 1.5 mm 10...55 Hz) IEC 60068-2-6                            |
| Shock resistance                      | 30 gn 11 ms) IEC 60068-2-27  |
| IP degree of protection               | IP65 double insulation IEC 60529<br>IP67 double insulation IEC 60529 |




## Ordering and shipping details

|                       |                                |
|-----------------------|--------------------------------|
| Category              | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule     | DS2                            |
| GTIN                  | 03389110148251                 |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 3.25 Oz (92 g)                 |
| Returnability         | Yes                            |
| Country of origin     | ID                             |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 1.65 In (4.2 cm)       |
| Package 1 width              | 3.74 In (9.5 cm)       |
| Package 1 Length             | 5.16 In (13.1 cm)      |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 22                     |
| Package 2 Weight             | 5.44 Lb(US) (2.468 kg) |
| Package 2 Height             | 5.91 In (15 cm)        |
| Package 2 width              | 11.81 In (30 cm)       |
| Package 2 Length             | 15.75 In (40 cm)       |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information |  Yes   |

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|                          |   |
|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | <a href="#">End Of Life Information</a>       |

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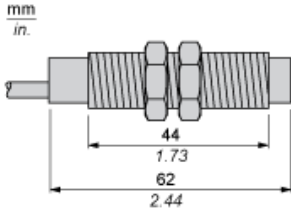
### Contractual warranty

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|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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Dimensions

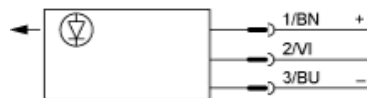


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Wiring Schemes

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Thru-beam Transmitter DC



(+) BN Brown

(-) BU Blue

VI : Violet

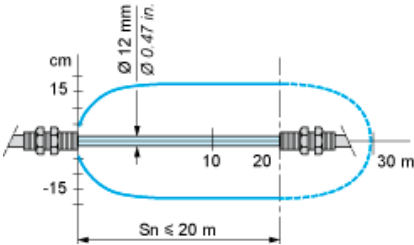
Input 2/VI:

- not connected: beam made

- connected to -: beam broken

Detection Curves

With Thru-beam Accessory (Thru-beam)



Product Life Status : Commercialised