

# Product data sheet

## Characteristics

# XUB2BPBWL2R

photo-electric sensor - XUB - receiver - 90° - Sn  
15m - 12..24VDC - cable 2m

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\*\* : 57.60 USD



### Main

|                               |  |
|-------------------------------|--|
| 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            | 90° lateral  |
| Type of output signal         | Discrete   |
| Supply circuit type           | DC   |
| Wiring technique              | 3-wire   |
| Discrete output type          | PNP  |
| Discrete output function      | 1 NC   |
| 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 XUB2BKSWL2T |

### 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)output state                        |
| [Us] rated supply voltage | 12...24 V DC 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  |
| Maximum voltage drop      | <1.5 V closed state)                             |
| Current consumption       | 35 mA no-load                                    |
| Maximum delay first up    | 15 ms  |
| Maximum delay response    | 1 ms   |
| Maximum delay recovery    | 1 ms   |
| Setting-up                | Without sensitivity adjustment                   |
| Diameter                  | 0.71 in (18 mm)                                  |
| Length                    | 2.44 in (62 mm)                                  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Product certifications                | UL<br>CSA<br>CE  |
| 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          | 22415 - SENSORS, PHOTOELECTRIC, BASIC |
| Discount Schedule | DS2                                   |
| GTIN              | 03389110152784                        |
| Returnability     | No                                    |
| Country of origin | ID                                    |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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)<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| Circularity Profile        | <a href="#">End of Life Information</a>  |

## Contractual warranty

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