

XUB0BKSWL2T

photo-electric sensor - XUB - emitter - 90° -
12..24VDC - cable 2m



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 | Metal |
| Line of sight type | 90° lateral |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Electrical connection | Cable |
| Cable length | 2 m |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 10 m thru beam need a receiver |

Complementary

| | |
|---------------------------|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 14 m thru beam |
| Output type | Solid state |
| Add on input | Test by emission breaking |
| Wire insulation material | PvR |
| 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 | <= 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 | 18 mm |
| Length | 78 mm |
| Net weight | 0.11 kg |

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 TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|--|
| Product certifications | CSA[RETURN]UL[RETURN]CE |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -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 | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

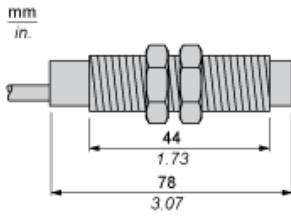
Packing Units

| | |
|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Contractual warranty

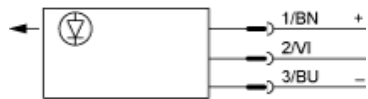
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



Wiring Schemes

Thru-beam Transmitter DC



(+) Brown

BN :

(-) Blue

BU :

VI : Violet

Input 2/VI:

- not connected: beam made

- connected to -: beam broken

Detection Curves

With Thru-beam Accessory (Thru-beam)

