

## Product data sheet

### Characteristics

# XUB0SKSWL2T

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



### Main

|                               |   |
|-------------------------------|---|
| Range of product              | Telemecanique Photoelectric sensors XU  |
| Series name                   | Application food and beverage multimode |
| Electronic sensor type        | Photo-electric sensor transmitter       |
| Sensor name                   | XUB                                     |
| Sensor design                 | Cylindrical M18                         |
| Detection system              | Thru beam                               |
| Material                      | Stainless steel                         |
| 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        | Stainless steel : 304 CU                          |
| 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   |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CE[RETURN]UL[RETURN]CSA   |
| 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<br>IP67 double insulation conforming to IEC 60529<br>IP69K double insulation conforming to DIN 40050 |

## Packing Units

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

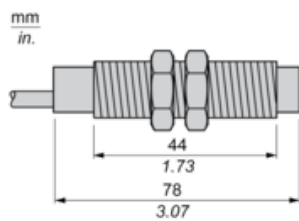
## Contractual warranty

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

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Dimensions

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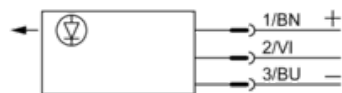


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## Wiring Schemes

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### Thru-beam Accessory



BU : Blue

BN : Brown

VI : Violet (Beam break input)

Input 2 :- not connected: beam made

Input 2 :- connected to -: beam broken

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Detection Curves

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Thru-beam Accessory

