

# XUM0AKSAL2T

Photoelectric sensors XU, photo electric sensor, XUM, emitter, 12...24 VDC, cable 2 m



## Main

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Range of product              | Telemecanique Photoelectric sensors XU    |
| Series name                   | General purpose multimode                 |
| Electronic sensor type        | Photo-electric sensor transmitter         |
| Sensor name                   | XUM                                       |
| Sensor design                 | Miniature                                 |
| Detection system              | Thru beam                                 |
| Material                      | Plastic                                   |
| 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 | 32.81 ft (10 m) thru beam need a receiver |

## Complementary

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Enclosure material        | PBT                                              |
| Lens material             | PMMA                                             |
| Maximum sensing distance  | 45.93 ft (14 m) thru beam                        |
| 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    | 100 ms                                           |
| Maximum delay response    | 2 ms                                             |
| Maximum delay recovery    | 2 ms                                             |
| Setting-up                | Self-teaching                                    |
| Maximum Depth             | 0.79 in (20 mm)                                  |
| Height                    | 1.34 in (34 mm)                                  |
| Width                     | 0.47 in (12 mm)                                  |
| Net Weight                | 0.11 lb(US) (0.05 kg)                            |

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## 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 +/- 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                  | 00785901424666                 |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 0.22 lb(US) (0.10 kg)          |
| Returnability         | No                             |
| Country of origin     | ID                             |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 0.420 dm |
| Package 1 width  | 0.970 dm |
| Package 1 Length | 1.320 dm |

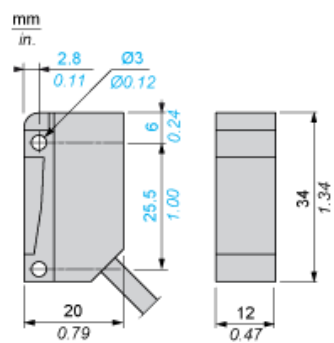
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | <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 |
|----------|-----------|

## Dimensions

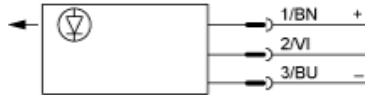


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## Wiring Schemes

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### Thru-beam Function Transmitter



BN : Brown

BU : Blue

VI : Violet

Input 2/VI:

- not connected: beam made
- connected to -: beam broken

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## Detection Curves

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### With Thru-beam Accessory (Thru-beam)

