



Main

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|-------------------------------|--|
| Range of Product | Telemecanique Photoelectric sensors XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XU2 |
| Sensor design | Cylindrical M18 |
| Detection system | Thru beam |
| Material | Metal |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring Technique | 2-wire |
| 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 |

Complementary

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|---------------------------|--|
| Enclosure Material | Nickel Plated Brass |
| Lens material | PMMA |
| Maximum sensing distance | 65.62 ft (20 m) |
| Output Type | Solid state |
| Add on output | Without |
| Wire insulation material | PvR |
| Status LED | 1 LED yellow)output state 1 LED red)instability |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC/DC |
| Maximum residual current | 1.5 mA open state |
| Switching capacity in mA | 10...200 mA to be used with 0.4 A quick-blow fuse in series with the load) |
| Switching frequency | <= 25 Hz |
| Maximum voltage drop | <6 V closed state) |
| Maximum delay first up | 300 ms |
| Maximum delay response | 20 ms |
| Maximum delay recovery | 20 ms |
| Setting-up | Sensitivity adjustment |
| Diameter | 0.71 in (18 mm) |
| Length | 3.23 in (82 mm) |
| Net Weight | 0.63 lb(US) (0.285 kg) |
| Kit composition | Transmitter + receiver XU2M18MC230T + XU2M18MB230R |

Environment

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|---------------------------------------|--|
| Product Certifications | CE UL CSA |
| 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 | IP67 double insulation IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|------------------------------|
| Category | 22481-SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 3389110735246 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 8.94 oz (253.5 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.60 in (6.6 cm) |
| Package 1 width | 3.74 in (9.5 cm) |
| Package 1 Length | 5.20 in (13.2 cm) |

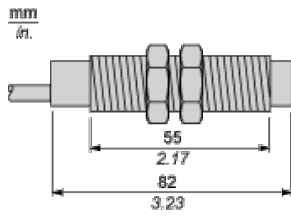
Offer Sustainability

| | |
|----------------------------|---|
| 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 www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

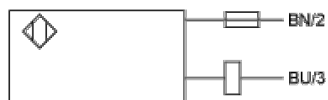
| | |
|----------|-----------|
| Warranty | 18 months |
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Dimensions



Wiring Schemes

2-wire AC or DC



BU : Blue
BN : Brown

Transmitter



BU : Blue
BN : Brown

Detection Curves

Thru-beam System

