

XU2M18MA230WR

Photoelectric sensors XU, XU2, receiver, 90°,
Sn 15 m, 24...240VAC/DC, cable 2 m



Main

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| Range of product | Telemecanique Photoelectric sensors XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor receiver |
| Sensor name | XU2 |
| Sensor design | Cylindrical M18 |
| Detection system | Thru beam |
| Material | Metal |
| Line of sight type | 90° lateral |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 2-wire |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 2 m |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 15 m thru beam need a transmitter |

Complementary

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|---------------------------|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 20 m |
| Output type | Solid state |
| Add on output | Without |
| Wire insulation material | PvR |
| Status LED | Instability: 1 LED (red) Output state: 1 LED (yellow) |
| [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 | 18 mm |
| Length | 97 mm |

Environment

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|---------------------------------------|---|
| 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 | IP67 double insulation conforming to IEC 60529 |

Packing Units

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

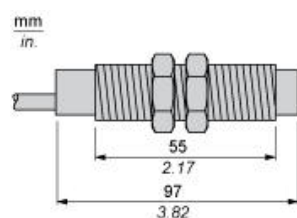
Offer Sustainability

| | |
|--|---|
| 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

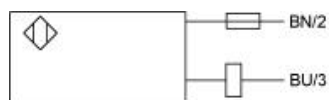
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



Wiring Schemes

2-wire AC or DC



BU : Blue
BN : Brown

Detection Curves

Thru-beam System

