

Product data sheet

Characteristics

XU9M18MB230K

Photoelectric sensors XU, XU9, polarised, Sn 2 m, 24...240VAC/DC, 1/2"



Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 152.00 USD



Main

| | |
|-------------------------------|--|
| Range of Product | Telemecanique Photoelectric sensors XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XU9 |
| Sensor design | Cylindrical M18 |
| Detection system | Polarised reflex |
| 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 | 1 male connector 1/2"20 UNF, 3 pins |
| Product Specific Application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 6.56 Ft (2 m) polarised reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|--|
| Enclosure Material | Nickel Plated Brass |
| Lens material | PMMA |
| Maximum sensing distance | 9.84 Ft (3 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 |

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|--------------------------|--|
| 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 | 0.21 Lb(US) (0.095 kg) |
| Kit composition | Reflector XUZC50 Sensor |

Environment

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



Ordering and shipping details

| | |
|-----------------------|--------------------------------|
| Category | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 03389110736588 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 3.63 Oz (103 g) |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.61 In (4.1 cm) |
| Package 1 width | 2.60 In (6.6 cm) |
| Package 1 Length | 3.78 In (9.6 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 11 |
| Package 2 Weight | 2.97 Lb(US) (1.347 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 5.91 In (15 cm) |
| Package 2 Length | 15.75 In (40 cm) |

Offer Sustainability

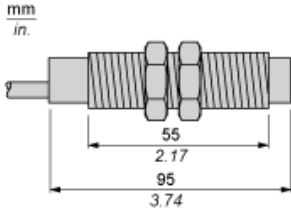
| | |
|---------------------------|--|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), 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

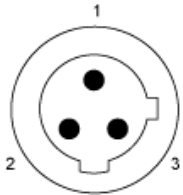
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



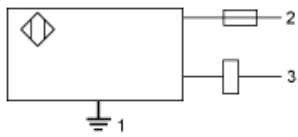
Wiring Schemes

Connector



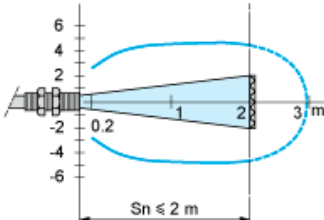
- 1 : Grounding
- 2 : AC/DC
- 3 : AC/DC

2-wire AC or DC



Detection Curves

Polarised Reflex System



With reflector XUZC50

Product Life Status : Commercialised