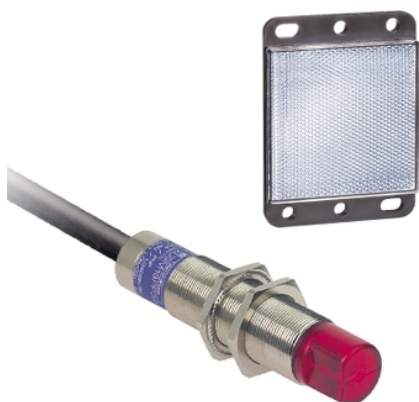


# XU9M18MB230W

photo-electric sensor - XU9 - polarised - 90° -  
Sn 2m - 24..240VAC/DC - cable 2m

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



## Main

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Range of product              | OsiSense 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            | 90° lateral                                          |
| 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                      | 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 (red) instability<br>1 LED (yellow) output state                      |
| [Us] rated supply voltage | 24...240 V AC/DC                                                            |
| Supply voltage limits     | 20...264 V AC/DC                                                            |
| 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                                                                    |
| Voltage drop              | 6 V (closed state)                                                          |
| Delay first up            | < 300 ms                                                                    |
| Delay response            | < 20 ms                                                                     |
| Delay recovery            | < 20 ms                                                                     |
| Setting-up                | Sensitivity adjustment                                                      |
| Diameter                  | 0.71 in (18 mm)                                                             |
| Length                    | 4.33 in (110 mm)                                                            |
| Product weight            | 0.21 lb(US) (0.095 kg)<br>0.2 lb(US) (0.09 kg)                              |
| Kit composition           | Reflector XUZC50<br>Sensor                                                  |

## Environment

|                                       |                                                                           |
|---------------------------------------|---------------------------------------------------------------------------|
| Product certifications                | CSA<br>CE<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, 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 conforming to IEC 60529                                              |

## Ordering and shipping details

|                       |                                |
|-----------------------|--------------------------------|
| Category              | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule     | DS2                            |
| GTIN                  | 00785901895985                 |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 0.38                           |
| Returnability         | N                              |
| Country of origin     | FR                             |

## Offer Sustainability

|                            |                                                                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW)     | Compliant - since 0924 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH                      | Reference not containing SVHC above the threshold                                                                                                                                                      |
| California proposition 65  | WARNING: This product can expose you to chemicals including:                                                                                                                                           |
| - - - - - Substance 1      | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                                                                                            |
| - - - - - Substance 2      | Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.                                                                              |
| - - - - - More information | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                                                                                          |

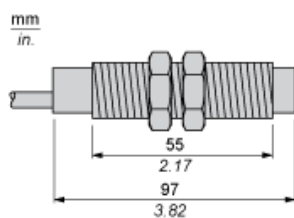
## Contractual warranty

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

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Dimensions

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## Wiring Schemes

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### 2-wire AC or DC



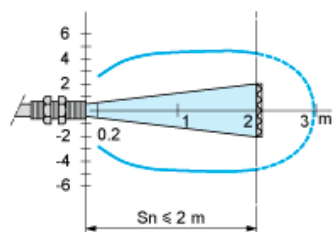
BU : Blue  
BN : Brown

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Detection Curves

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Polarised Reflex System



With reflector XUZC50

# Mouser Electronics

Authorized Distributor

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