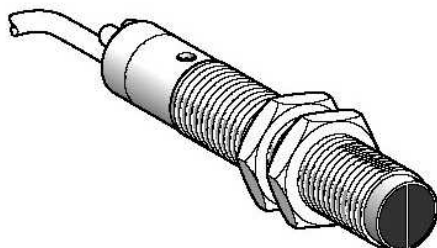




Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

|                               |  |
|-------------------------------|--|
| Commercial Status             | Commercialised                                       |
| Range of product              | OsiSense XU  |
| Series name                   | General purpose single mode                          |
| Electronic sensor type        | Photo-electric sensor                                |
| Sensor name                   | XU8  |
| Sensor design                 | Cylindrical M18                                      |
| Detection system              | Diffuse with background suppression                  |
| 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 NO   |
| Electrical connection         | Cable  |
| Cable length                  | 16.4 ft (5 m)  |
| Product specific application  | -  |
| Emission                      | Infrared diffuse with background suppression         |
| [Sn] nominal sensing distance | 0.39 ft (0.12 m) diffuse with background suppression |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | Nickel plated brass   |
| Lens material             | PMMA  |
| Maximum sensing distance  | 0.39 ft (0.12 m)  |
| Output type               | Solid state   |
| Add on output             | Without   |
| Wire insulation material  | PvR   |
| Status LED                | 1 LED (yellow) for 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                    | 3.23 in (82 mm)   |

## 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, 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                            |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 22481 - SENSORS, PHOTOELECTRIC                            |
| Discount Schedule     | DS2   |
| GTIN                  | 003389110736472   |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0.01  |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N   |
| Country of origin     | FR  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS                             | Compliant - since 0924 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Available <a href="#">Download End Of Life Manual</a>                                 |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

# Mouser Electronics

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