

XUM9ANCNM8

photo-electric sensor - XUM - polarised - Sn
5m - 12..24VDC - M8

Product availability: Stock - 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 | XUM |
| Sensor design | Miniature |
| Detection system | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 16.4 ft (5 m) polarised reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|--|
| Enclosure material | PBT |
| Lens material | PMMA |
| Output type | Solid state |
| Wire insulation material | PVC |
| Status LED | 1 LED (red) instability 1 LED (yellow) output state |
| [Us] rated supply voltage | 12...24 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 500 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | 35 mA (no-load) |
| Delay first up | 30 ms |
| Delay response | 1 ms |
| Delay recovery | 1 ms |
| Setting-up | Without sensitivity adjustment |
| Depth | 1.06 in (27 mm) |
| Height | 1.5 in (38 mm) |
| Width | 0.47 in (12 mm) |
| Product weight | 0.02 lb(US) (0.01 kg) |


Environment

| | |
|---------------------------------------|--|
| Product certifications | CE CSA UL |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| Ambient air temperature for storage | -22...158 °F (-30...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 | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---------------------------------------|
| Category | 22415 - SENSORS, PHOTOELECTRIC, BASIC |
| Discount Schedule | DS2 |
| GTIN | 00785901627388 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.999999999999999E-2 |
| Returnability | N |
| Country of origin | TH |

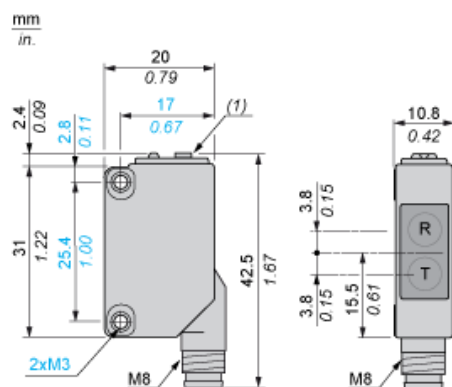
Offer Sustainability

| | |
|----------------------------|--|
| RoHS (date code: YYWW) | Compliant - since 1152 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| 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 | Di-isodecyl 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 www.p65warnings.ca.gov |

Contractual warranty

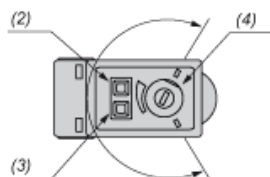
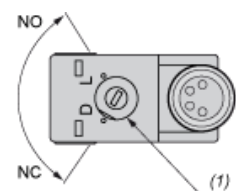
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|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



R : Reception
T : Transmission
(1) Potentiometer

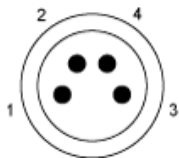
Mounting and Clearance



- (1) Configuration switch
- (2) Output state LED
- (3) Stability and power on LED
- (4) Adjustment potentiometer

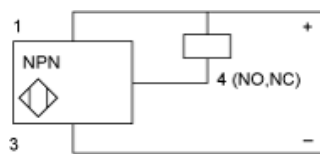
Connections and Schemes

M8 Connector

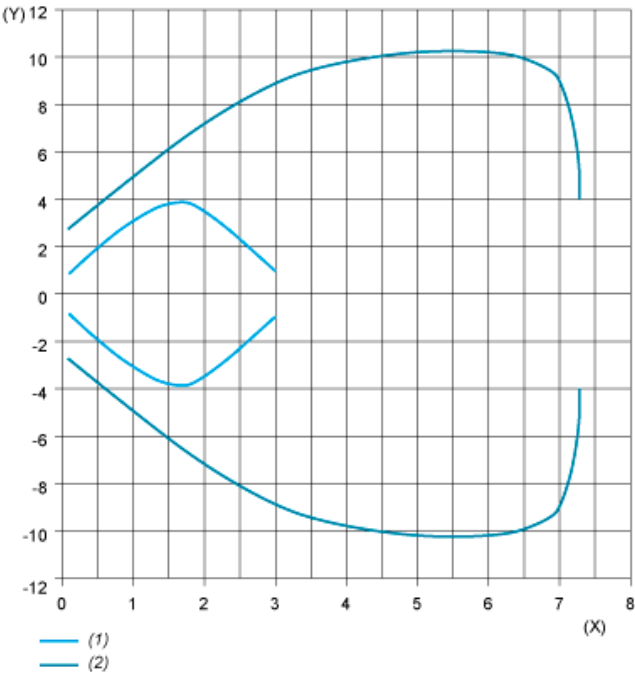


- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

NPN



Detection Curves



- (1) XUZO8
- (2) XUZO50
- (Y) Parallel movement (cm)
- (X) Distance (m)

Mouser Electronics

Authorized Distributor

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