

Product data sheet

Characteristics

XUVF30M8

photo-electric sensor - XUV - frame - 30X30mm - 12..24VDC - M8

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

Price* : 569.00 USD



Main

| | |
|---------------------------------------|---|
| Range of product | OsiSense XU |
| Series name | Application material handling |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUV |
| Sensor design | Frame |
| Detection system | Thru beam |
| Emission | Infrared |
| Way dimensions of optical frame | 30 x 30 mm |
| Material | Metal |
| Supply circuit type | DC |
| Wiring technique | 4-wire |
| Discrete output type | PNP or NPN |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | M8 1 male connector, 4 pins |
| Product specific application | Dynamic detection of passage of objects |
| Minimum object diameter for detection | Dynamic mode: 0.08 in (2 mm) (0.33...49.21 ft/s (0.1...15 m/s)) |

Complementary

| | |
|---------------------------|---|
| Enclosure material | Painted aluminium |
| Lens material | Polycarbonate |
| Type of output signal | Discrete |
| Output type | Solid state |
| Add on output | With alarm output |
| Status LED | 1 LED (amber) output state 1 LED (red) alarm |
| [Us] rated supply voltage | 24 V DC with reverse polarity protection |
| Supply voltage limits | 18...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 500 Hz |
| Voltage drop | < 2 V (closed state) |

| | |
|---------------------|---|
| Current consumption | <= 120 mA (no-load) |
| Time delay range | 0...5 s off-delay delay |
| Delay first up | <= 100 ms |
| Delay recovery | < 1 ms |
| Setting-up | Sensitivity adjustment with potentiometer |
| Depth | 0.59 in (15 mm) |
| Height | 1.97 in (50 mm) |
| Width | 4.25 in (108 mm) |
| Product weight | 0.18 lb(US) (0.08 kg) |

Environment

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|---------------------------------------|--|
| Product certifications | CE cULus |
| Ambient air temperature for operation | 32...140 °F (0...60 °C) |
| Ambient air temperature for storage | -4...176 °F (-20...80 °C) |
| Immunity to ambient light | <= 400 lux with incandescent light <= 4000 lux with sunlight |
| Vibration resistance | 25 gn, amplitude = +/- 2 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 conforming to IEC 60529 |

Ordering and shipping details

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|-----------------------|--------------------------------|
| Category | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 00785901625315 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.33000000000000002 |
| Returnability | N |
| Country of origin | FR |

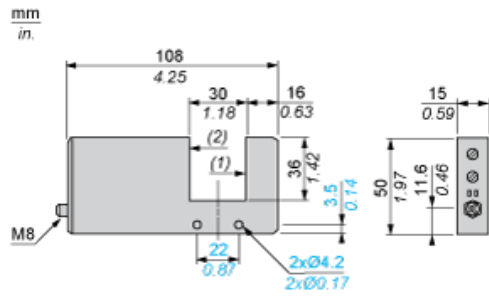
Offer Sustainability

| | |
|---------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 0724 - 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

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

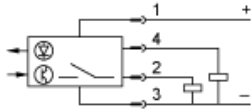
Dimensions



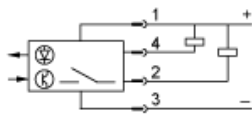
- (1) Transmitting face
- (2) Reception face

Wiring Schemes (4-Wire DC)

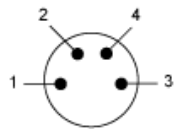
PNP Output



NPN Output



Connector Scheme



- 1: +
- 2: Alarm
- 3: -
- 4: Output