

# XUVE04M3KSNM8

photoelec sensor label fork 40x3 - 12..24 V DC  
- PNP/NPN NO/NC connect M8



## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Range of product              | OsiSense XU                 |
| Series name                   | Application packaging       |
| Electronic sensor type        | Photo-electric sensor       |
| Sensor name                   | XUV                         |
| Sensor design                 | Fork                        |
| Detection system              | Thru beam                   |
| Emission                      | Infrared                    |
| Type of setting               | Without                     |
| Passage width                 | 0.12 in (3 mm)              |
| Passage depth                 | 1.57 in (40 mm)             |
| Material                      | PA (polyamide) 12           |
| Supply circuit type           | DC                          |
| Wiring technique              | 4-wire                      |
| Discrete output type          | PNP and NPN                 |
| Discrete output function      | 2 NO/NC programmable        |
| Electrical connection         | 1 male connector M8, 4 pins |
| Product specific application  | Detection of labels         |
| [Sn] nominal sensing distance | 3 mm thru beam              |

## Complementary

|                                 |                                                                               |
|---------------------------------|-------------------------------------------------------------------------------|
| Setting-up                      | Numeric potentiometer                                                         |
| Enclosure material              | Polyamide                                                                     |
| Lens material                   | PC                                                                            |
| Accuracy                        | +/- 0.05 mm 150 m/min                                                         |
| Minimum label length            | 0.08 in (2 mm)                                                                |
| Minimum distance between labels | 0.08 in (2 mm)                                                                |
| Maximum passing speed of object | 200 m/min                                                                     |
| Type of output signal           | Discrete                                                                      |
| Output type                     | Solid state                                                                   |
| Status LED                      | Output state: 1 LED (yellow)<br>Adjustment mode and keypad locking 1 LED red) |
| [Us] rated supply voltage       | 12...24 V DC with reverse polarity protection                                 |
| Supply voltage limits           | 10...30 V DC                                                                  |
| Switching capacity in mA        | <= 100 mA overload and short-circuit protection)                              |
| Switching frequency             | <= 10 kHz                                                                     |
| Maximum voltage drop            | <2 V (closed state)                                                           |
| Maximum delay first up          | 30 ms                                                                         |
| Maximum delay response          | 0.1 ms                                                                        |
| Maximum delay recovery          | 0.1 ms                                                                        |
| Depth                           | 2.52 in (64 mm)                                                               |
| Height                          | 0.98 in (25 mm)                                                               |
| Maximum Width                   | 0.39 in (10 mm)                                                               |
| Net Weight                      | 0.08 lb(US) (0.035 kg)                                                        |

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## Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| Product certifications                | CE<br>CULus                               |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C)                 |
| Ambient air temperature for storage   | -22...176 °F (-30...80 °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               | IP65 conforming to IEC 60529              |

## Ordering and shipping details

|                       |                                |
|-----------------------|--------------------------------|
| Category              | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule     | DS2                            |
| GTIN                  | 00785901103387                 |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 0.07 lb(US) (0.03 kg)          |
| Returnability         | Yes                            |
| Country of origin     | FR                             |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Package 1 Height             | 1.61 in (4.1 cm) |
| Package 1 width              | 2.56 in (6.5 cm) |
| Package 1 Length             | 3.74 in (9.5 cm) |
| Unit Type of Package 2       | S01              |
| Number of Units in Package 2 | 24               |
| Package 2 Weight             | 33.76 oz (957 g) |
| Package 2 Height             | 5.91 in (15 cm)  |
| Package 2 width              | 5.91 in (15 cm)  |
| Package 2 Length             | 15.75 in (40 cm) |

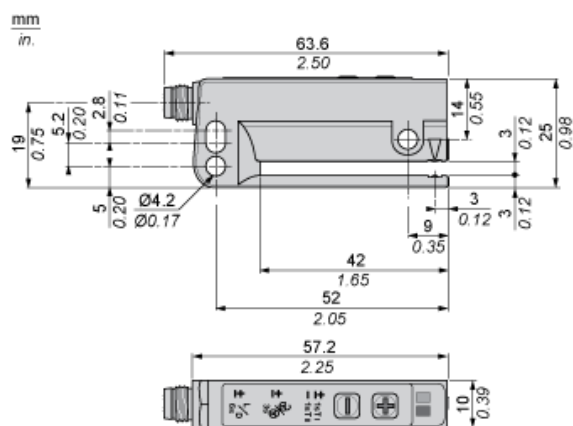
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                             |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                                                               |
| RoHS exemption information |  <a href="#">Yes</a>                                                                                                                                                                                                                                                                           |

## Contractual warranty

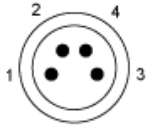
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Dimensions



## Wiring Schemes

### Connector



- 1 : BN: Brown
- 2 : WH: White (remote teaching)
- 3 : BU: Blue
- 4 : BK: Black)

### PNP and NPN Function

