

XUVE04M3KSNM8

Photoelectric sensors XU, photoelec sensor
label fork 40x3, 12...24 V DC, PNP/NPN NO/
NC connect M8



Main

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|-------------------------------|--|
| Range of product | Telemecanique Photoelectric sensors 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 | 3 mm |
| Passage depth | 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

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|---------------------------------|---|
| Setting-up | Numeric potentiometer |
| Enclosure material | Polyamide |
| Lens material | PC |
| Accuracy | +/- 0.05 mm at 150 m/min |
| Minimum label length | 2 mm |
| Minimum distance between labels | 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) 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 | 64 mm |
| Height | 25 mm |
| Width | 10 mm |
| Net weight | 0.035 kg |

Environment

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|---------------------------------------|---|
| Product certifications | CE[RETURN]cULus |
| Ambient air temperature for operation | -20...60 °C |
| Ambient air temperature for storage | -30...80 °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 conforming to IEC 60529 |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.100 cm |
| Package 1 Width | 6.500 cm |
| Package 1 Length | 9.500 cm |
| Package 1 Weight | 33.000 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 15 cm |
| Package 2 Width | 15 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 1.001 kg |

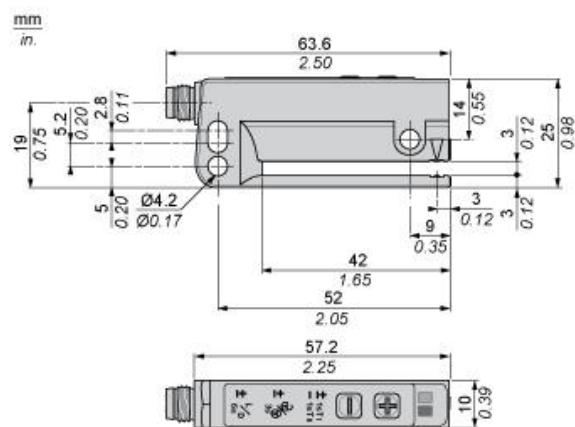
Offer Sustainability

| | |
|--|---|
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl 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 www.P65Warnings.ca.gov |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

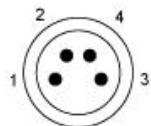
| | |
|----------|-----------|
| Warranty | 18 months |
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Dimensions



Wiring Schemes

Connector



1 : BN: Brown
2 : WH: White
3 : BU: Blue
4 : BK: Black

PNP and NPN Function

