



Main

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	2 mm
Passage depth	50 mm
Material	Metal
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP and NPN
Discrete output function	2 NO/NC programmable
Electrical connection	1 male connector M8 adjustable through 90°, 4 pins
Product specific application	Detection of labels
[Sn] nominal sensing distance	2 mm

Complementary

Setting-up	Teach mode
Enclosure material	Zinc alloy
Lens material	Glass
Type of output signal	Discrete
Output type	Solid state
Status LED	Sensor ready: 1 LED (green) Read error: 1 LED (red) Output state: 1 LED (yellow)
[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	<= 25 kHz
Maximum voltage drop	<1.5 V (closed state)
Output clamping resistor	10 kOhm
Current consumption	<= 50 mA no-load
Maximum delay first up	30 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Depth	90 mm
Height	20 mm
Width	20 mm
Net weight	0.085 kg

## Environment

Product certifications	CE
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-20...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 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.2 cm
Package 1 Width	8.0 cm
Package 1 Length	3.6 cm
Package 1 Weight	130.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	45
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.344 kg

## Offer Sustainability

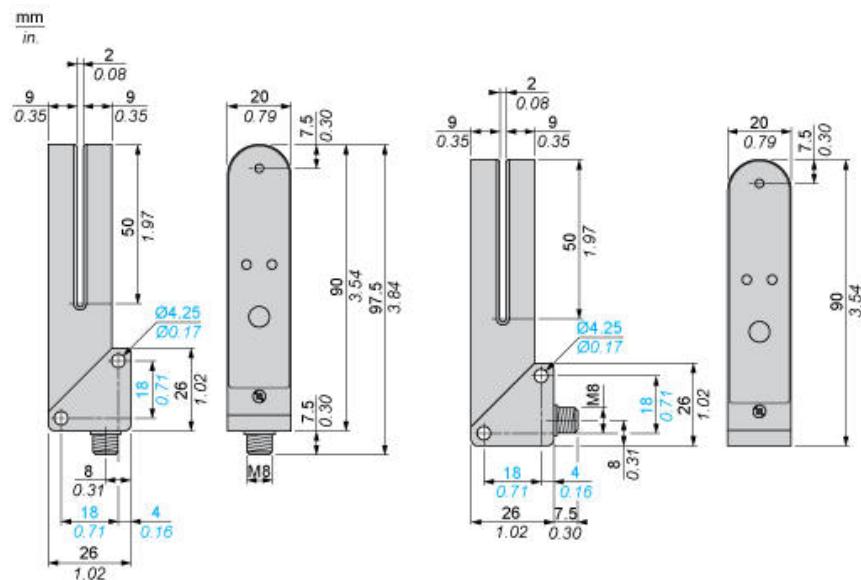
Toxic heavy metal free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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## Dimensions

## M8 Connector Adjustable Through 90°



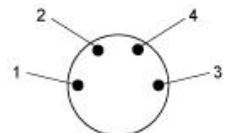
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### Connector Scheme

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#### 3-wire, PNP and NPN

NO or NC Programmable Function



- 1 : +
- 2 : NPN Output
- 3 : -
- 4 : PNP Output