



## Main

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Conveyor system and access control series
Emission	Red LED, pulsed
[Sn] nominal sensing distance	1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression 0.25 m diffuse with adjustable sensitivity

## Complementary

Enclosure material	ABS
Lens material	PMMA
Cover material	PUR
Pulse frequency	6 kHz
Output type	Solid state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	100 mA overload and short-circuit protection)
Switching frequency	500 Hz
Maximum voltage drop	<2 V 100 mA closed state) <1 V at 10 mA (closed state)
Current consumption	< 25 mA no-load
Maximum delay response	1 ms
Net weight	0.10 lb(US) (0.044 kg)

## Environment

Product certifications	CE CULus
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
IP degree of protection	IP65 conforming to IEC 60529 IP67 IEC 60529




## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	03389119007221
Nbr. of units in pkg.	1
Package weight(Lbs)	0.42 lb(US) (0.19 kg)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.34 in (3.4 cm)
Package 1 width	4.96 in (12.6 cm)
Package 1 Length	2.91 in (7.4 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Weight	3.92 lb(US) (1.776 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

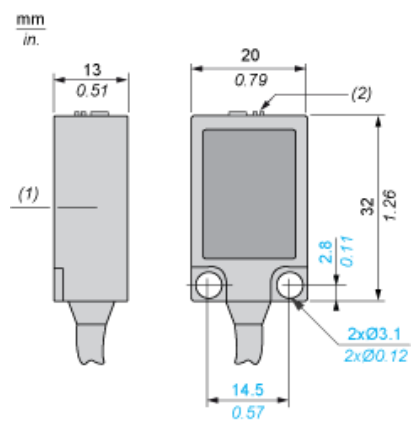
## Offer Sustainability

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
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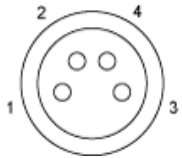
## Dimensions



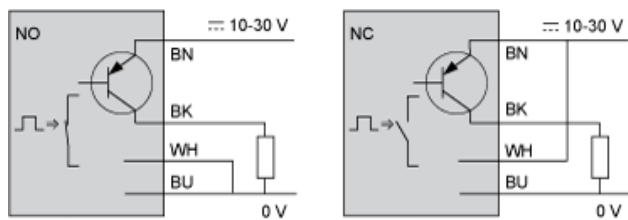
- (1) Optical axis
- (2) Accuracy adjustment

## Connections and Schemes

## M8



## PNP Output



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