



## Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Compact
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 and NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Control of filling 2 channels triangulation Detection of object on conveyor against reflective background
Emission	Infrared LED, modulated
[Sn] nominal sensing distance	1.97...23.62 in (50...600 mm)

## Complementary

Enclosure material	Glass impregnated nylon
Output type	Solid state
Status LED	Output state 1 LED green)
[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	> 370 Hz
Maximum voltage drop	<2 V closed state)
Current consumption	< 1.5 mA no-load
Maximum delay response	1.8 ms
Maximum delay recovery	1.8 ms

Net weight	0.12 lb(US) (0.055 kg)
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## Environment

Product certifications	CE
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Immunity to ambient light	10000 lux natural light 1300 lux incandescent bulb
IP degree of protection	IP65 IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.79 oz (79 g)
Package 1 Height	1.42 in (3.6 cm)
Package 1 width	2.80 in (7.1 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Weight	3.08 lb(US) (1.398 kg)
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

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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