



## Main

Range of product	OsiSense XU
Series name	Application
Specific application of photoelectric detector	Plastic fibre use in vibration surroundings Detection of translucent parts on little conveyor Marks and contrasts sensing for packaging Position or presence control of parts on assembling or conditioning machine
Sensor name	XUY
Sensor design	Fiber design
Emission	Red LED

## Complementary

Electronic sensor type	Photo-electric sensor
Material	Plastic
Enclosure material	Polycarbonate strong housing
Pulse frequency	400 Hz
Type of output signal	Discrete
Output type	Relay
Discrete output function	1 C/O
Electrical connection	Screw clamp terminals, 1.5 mm <sup>2</sup>
Supply circuit type	AC/DC
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...250 V AC/DC
Output voltage	250 V
Switching frequency	25 Hz
Power consumption in VA	2 VA
Maximum delay first up	20 ms
Maximum delay recovery	20 ms
Setting-up	Sensitivity adjustment with teach mode

## Environment

Product certifications	CE
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Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	10000 lux incandescent bulb 10000 lux natural light
IP degree of protection	IP65 IP67

### Offer Sustainability

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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