



## Main

Range of product	OsiSense XU
Series name	Application assembly
Specific application of photoelectric detector	Object
Sensor name	XUD

## Complementary

Electronic sensor type	Photo-electric sensor
Sensor design	Fiber design
Enclosure material	PBT
Wiring technique	3-wire
Supply circuit type	DC
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Cable material	PVC
Status LED	Instability 1 LED red Output state: 1 LED (yellow)
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10.8...26.4 V DC
Current consumption	<= 50 mA no-load
Switching capacity in mA	<= 100 mA overload protection) <= 100 mA short-circuit protection)
Maximum voltage drop	<2 V closed)
Switching frequency	<= 1 kHz
Add on output	Without
Maximum delay first up	120 ms
Maximum delay response	0.5 ms

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Maximum delay recovery	0.5 ms
Product compatibility	Glass or plastic fibre optics 1 mm or 2.2 mm
Setting-up	Sensitivity adjustment with teach mode
Lens material	PMMA
Depth	0.39 in (10 mm)
Height	2.56 in (65 mm)
Width	1.57 in (40 mm)
Net weight	0.09 lb(US) (0.04 kg)

## Environment

Emission	Red
Interference protection	Without
Product certifications	CULus CE
IP degree of protection	IP64 optic fiber Ø 1 mm IEC 529 IP65 optic fiber Ø 2 mm IEC 529
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Vibration resistance	+/-0.5 mm 10...55 Hz)IEC 60068-2-6 7 gn 10...55 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.82 oz (80 g)
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	3.23 in (8.2 cm)
Package 1 Length	3.15 in (8 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>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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