



### 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	NPN
Electrical connection	1 male connector M8, 4 pins
Cable material	PVC
Status LED	1 LED red instability 1 LED yellow output state
[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
Voltage drop	<= 1 V closed
Switching frequency	<= 1 kHz
Add on output	Without
Delay first up	< 120 ms
Delay response	< 0.5 ms
Delay recovery	< 0.5 ms
Product compatibility	Glass or plastic fibre optics 1 mm or 2.2 mm

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

Setting-up	Sensitivity adjustment with teach mode
Lens material	PMMA
Depth	10 mm
Height	65 mm
Width	40 mm
Product weight	0.04 kg

## Environment

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

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0623 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
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## Contractual warranty

Warranty period	18 months
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