



## Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Product specific application	Detection of transparent object
Sensor name	XUBT
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Plastic
Line of sight type	Axial
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	0...1.4 m with reflector XUZ C50/C50HP

## Complementary

Kit composition	Sensor Reflector XUZC50HP
Enclosure material	PBT
Lens material	PMMA
Beam angle	1.5 °
Blind zone	0 mm
Spot diameter	37 mm
Type of output signal	Discrete
Output type	Solid state
Wire insulation material	PvR
Status LED	Supply on: 1 LED (green) Stability: 1 LED (red)

Output state: 1 LED (yellow)

[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...32 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	1000 Hz
Maximum voltage drop	<1.5 V (closed state)
Current consumption	45 mA no-load
Maximum delay first up	200 ms
Maximum delay response	500 ms
Maximum delay recovery	500 ms
Product weight	0.11 kg

## Environment

Product certifications	UL CE CSA
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 (double insulation) IP67 conforming to IEC 60529 (double insulation)

## 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>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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