



## Certifications and standards

Product certifications	CE CSA UL
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## Connections

Electrical connection	1 connector M12
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## Electrical

[Us] rated supply voltage	12...24 V DC reverse polarity protection
Current consumption	45 mA no-load
Electronic sensor type	Photo-electric sensor
Supply circuit type	DC
Supply voltage limits	10...32 V DC
Switching capacity in mA	100 mA overload and short-circuit protection
Voltage drop	≤ 1.5 V closed state

## Environment

IP degree of protection	IP69K
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-40...70 °C
Emission	Coaxial polarised red
Shock resistance	30 gn 11 ms IEC 60068-2-27
Vibration resistance	7 gn +/- 1 mm 10...55 Hz IEC 60068-2-6
RoHS EUR conformity date	0724
RoHS EUR status	Compliant

## Functional

[Sn] nominal sensing distance	0...0.8 m with reflector XUZ C50/C50HP
Beam angle	1.5 °
Blind zone	0 mm
Discrete output function	1 NO or 1 NC programmable
Discrete output type	NPN
Kit composition	Reflector XUZC50HP Sensor
Line of sight type	90° to case axis
Output type	Solid state
Status LED	1 LED yellow output state 1 LED green supply on 1 LED red stability
Type of output signal	Discrete

Wiring technique	3-wire
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## Performance

Delay first up	< 200 ms
Delay recovery	< 500 $\mu$ s
Delay response	< 500 $\mu$ s
Switching frequency	1000 Hz

## Physical characteristics

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Material	Metal
Product weight	0.073 kg
Spot diameter	37 mm
Wire insulation material	PvR

## Product identification

Range of product	Osiris
Sensor design	Design 18
Sensor name	XUBT
Series name	Application

## Usage / Application

Specific application of photoelectric detector	Detection of transparent object
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