

### Certifications and standards

Product certifications	CE CSA UL
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### Connections

Cable length	2 m
Electrical connection	Cable

### Electrical

[Us] rated supply voltage	12...24 V DC reverse polarity protection
Current consumption	25 mA no-load
Electronic sensor type	Photo-electric sensor
Power consumption in W	< 1 mW
Supply circuit type	DC
Supply voltage limits	10...30 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	IP67 double insulation IEC 60529
Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-10...45 °C
Emission	Red laser class 1 670 nm IEC 825-1
Shock resistance	30 gn 11 ms IEC 60068-2-27
Vibration resistance	7 gn +/- 0.75 mm 10...55 Hz IEC 60068-2-6

### Functional

[Sn] nominal sensing distance	0...100 m
Blind zone	0 mm
Detection system	Through beam (transmitter + receiver)
Discrete output function	1 NO or 1 NC programmable
Discrete output type	NPN
Output type	Solid state
Setting-up	With sensitivity adjustment
Status LED	1 LED yellow output state and alignment aid 1 LED green supply on and teaching 1 LED red stability
Type of output signal	Discrete
Wiring technique	3-wire

## Performance

Delay first up	< 80 ms
Delay recovery	< 0.4 ms
Delay response	< 0.4 ms
Switching frequency	1500 Hz

## Physical characteristics

Enclosure material	Nickel plated brass
Lens material	PMMA
Material	Metal
Product weight	0.23 kg

## Product identification

Range of product	Osiris
Sensor design	Design 18
Sensor name	XUB
Series name	Application, materials handling

# Mouser Electronics

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