

Certifications and standards

Product certifications	CE CTick CULus
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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	16 mA no-load
Electronic sensor type	Photo-electric sensor
Supply circuit type	DC
Supply voltage limits	10...30 V DC
Switching capacity in mA	≤ 100 mA overload and short-circuit protection
Voltage drop	≤ 3 V closed state

Environment

IP degree of protection	IP65 IEC 60529 IP67 IEC 60529 IP69K DIN 40050
Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-30...60 °C
Emission	Infrared
Shock resistance	500 m/s ² 10 chocs in each direction X, Y and Z IEC 60068-2-27
Vibration resistance	+/- 1.5 mm 10...55 Hz 2 hours in each direction X, Y and Z IEC 60068-2-6

Functional

[Sn] nominal sensing distance	0.77 m
Detection system	Diffuse
Output type	PNP
Status LED	1 LED orange output state 1 LED green stability 1 LED orange transmitter 1 LED red/green receiver/supply on
Wiring technique	3 wires

Performance

Delay first up	≤ 100 ms
Delay recovery	0.5 ms
Delay response	0.5 ms
Switching frequency	1000 Hz

Physical characteristics

Enclosure material	Zamak and stainless steel
Lens material	Glass
Material	Metal
Product weight	0.128 kg

Product identification

Range of product	Osiris
Sensor design	Miniature
Sensor name	XUM5
Series name	Miniature design, metal

Mouser Electronics

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[XUM5BPANL2](#)