

Certifications and standards

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|------------------------|----------------------|
| Product certifications | CE CTick CULus |
|------------------------|----------------------|

Connections

| | |
|-----------------------|-------|
| Cable length | 2 m |
| Electrical connection | Cable |

Electrical

| | |
|---------------------------|--|
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection |
| Current consumption | 13 mA no-load |
| Electronic sensor type | Photo-electric sensor receiver |
| 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 | Red |
| Shock resistance | 500 m/s ² 10 x 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 | 15 m |
| Detection system | Through beam |
| Discrete output type | NPN |
| 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 | XUM |
| Series name | Application |

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