

Certifications and standards

| | |
|------------------------|-----------------|
| Product certifications | CE CSA UL |
|------------------------|-----------------|

Connections

| | |
|-----------------------|----------------------------|
| Electrical connection | 1 male connector M8 3 pins |
|-----------------------|----------------------------|

Electrical

| | |
|---------------------------|--|
| [Us] rated supply voltage | 12...24 V DC reverse polarity protection |
| Current consumption | < 20 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 | ≤ 1.5 V closed state |

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP65 IP67 |
| Ambient air temperature for operation | -10...60 °C |
| Ambient air temperature for storage | -40...80 °C |
| Emission | Red LED, modulated |
| Immunity to ambient light | 10000 lux natural light 5000 lux incandescent bulb |
| 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 | 2...180 m |
| Detection system | Thru beam |
| Discrete output function | 1 NO |
| Discrete output type | PNP |
| Output type | Solid state |
| Passageway | 30 mm 30 mm |
| Status LED | 1 LED yellow output state |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |

Performance

| | |
|---------------------|---------|
| Switching frequency | 4000 Hz |
|---------------------|---------|

Physical characteristics

| | |
|--------------------|---------------------------------------|
| Enclosure material | Painted aluminium and polyamide/glass |
| Material | Metal/Plastic |
| Product weight | 0.08...0.19 kg |
| Spot diameter | 0.8 mm |

Product identification

| | |
|------------------|-------------|
| Range of product | OsiSense XU |
| Sensor design | Fork |
| Sensor name | XUVR |
| Series name | Optimum |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XUVR0303PANL2](#)