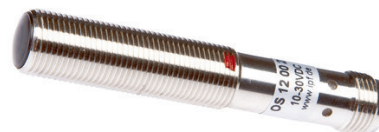


OS120022
OPTICAL SENSORS • THROUGH-BEAM SENSORS TRANSMITTERS

sensor optical, Through-beam sensor transmitter, M12x1 72long,
Sn: 15m, 10-30V DC, Connector M12 4pin, IP67, Brass Nickel-plated,
Infrared light


MECHANICAL FEATURES

| | |
|---------------------------|---------------------------------|
| Ambient temperature | -20 °C ... 50 °C |
| Degree of protection (IP) | IP67 |
| Design | Cylinder, screw-thread |
| Housing coating | Nickel-plated |
| Housing material | Brass |
| Sensor length | 72 mm |
| Shock resistance | 30 g |
| Thread length | 40 mm |
| Thread pitch | 1 mm |
| Thread size, metric | 12 |
| Version | Through-beam sensor transmitter |

ELECTRICAL FEATURES

| | |
|-------------------------------|---------------|
| Connection to amplifier | - |
| Function test | + |
| Measuring range | 15 m |
| No-load current | 32 mA |
| No-load current, transmitter | 32 mA |
| Number of pins | 4 |
| Operating voltage | 10 V ... 30 V |
| Suitable for safety functions | - |
| Type of electrical connection | Connector M12 |
| Type of input voltage | DC |
| Voltage type | DC |
| With time function | - |

OPTICAL FEATURES

| | |
|--------------------------|----------------|
| Angle of beam spread | 16 ° |
| Light source | Infrared light |
| Wavelength of the sensor | 880 nm |
| Light beam form | Point |

OTHER FEATURES

| | |
|---|-------------|
| Scope of delivery of the one-way system | Transmitter |
|---|-------------|

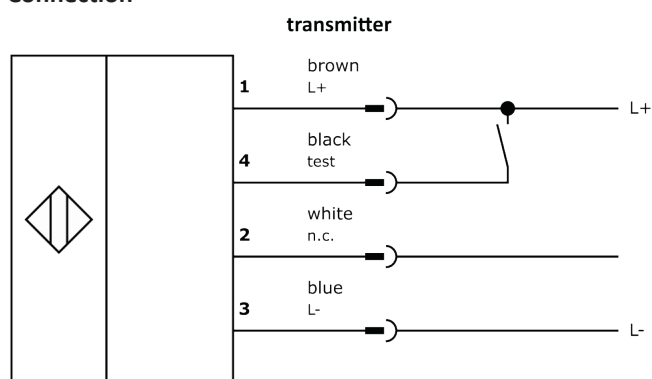
Other

| | |
|----------------------|---------------------------|
| Packaging dimensions | 77.0mm x 25.0mm x 123.0mm |
| Shipping weight | 0.04kg |
| Tariff code | 85365019 |

Classification

| | |
|-------------------|----------|
| ipf product group | 100 |
| eClass 8.0 | 27270901 |
| eClass 9.0 | 27270901 |
| eClass 9.1 | 27270901 |
| ETIM-5.0 | EC002716 |
| ETIM-6.0 | EC002716 |
| ETIM-7.0 | EC002716 |

Connection



Dimensional drawing

Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.