

OS126020

HIGH PERFORMANCE LIGHT BARRIERS • THROUGH-BEAM SENSORS TRANSMITTERS

high performance light barrier through-beam sensor transmitter,
M12x1 55long, Normal power (40mW), 12°, Anschluss an Verstärker,
Connector M12 3pin, IP67, Stainless steel+Plastic



MECHANICAL FEATURES

| | |
|-----------------------------|---------------------------------|
| Ambient temperature | -25 °C ... 60 °C |
| Degree of protection (IP) | IP67 |
| Design | Cylinder, screw-thread |
| Housing material | Stainless steel |
| Material of optical surface | Plastic |
| Sensor length | 55 mm |
| Shock resistance | 30 g |
| Storage temperature | -40 °C ... 80 °C |
| Thread length | 36 mm |
| Thread pitch | 1 mm |
| Thread size, metric | 12 |
| Version | Through-beam sensor transmitter |
| Vibration resistance | 55 Hz |

ELECTRICAL FEATURES

| | |
|-------------------------------|---------------|
| Connection to amplifier | + |
| Number of pins | 3 |
| Suitable for safety functions | - |
| Type of electrical connection | Connector M12 |
| Type of input voltage | DC |
| With time function | - |

OPTICAL FEATURES

| | |
|--------------------------|---------------------|
| Angle of beam spread | 12 ° |
| Light source | Infrared light |
| Wavelength of the sensor | 880 nm |
| Transmitting power | Normal power (40mW) |
| Light beam form | Point |

OTHER FEATURES

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

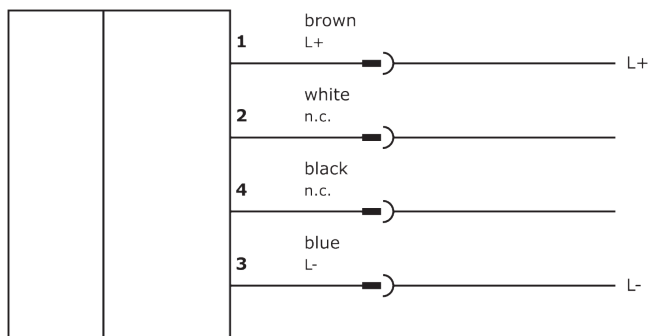
Other

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

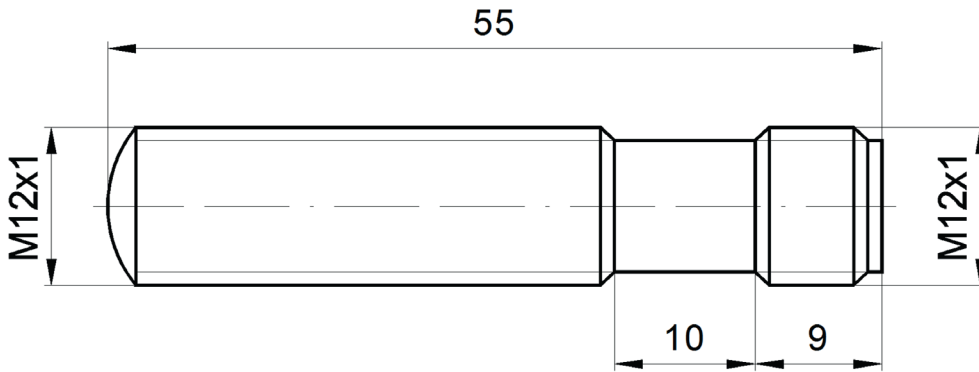
Classification

| | |
|-------------------|----------|
| ipf product group | 101 |
| 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.