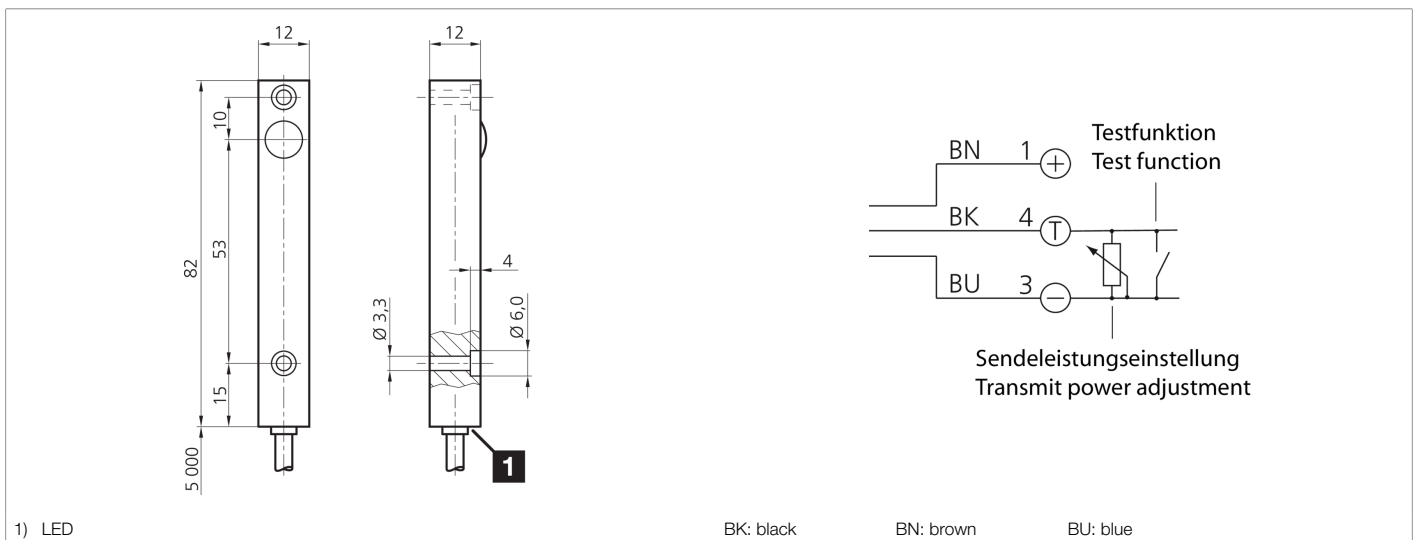




204157
OSPQ 12 MHFL-5M
High performance light barrier, transmitter

- Long range
- Transmit power with external resistance adjustable
- High function reserve
- Extremely dirt-resistant
- Easy adjustment
- Different designs to be combined
- High protection type
- Compact design



| Function | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------|--|
| Service voltage | 10 ... 35 V DC |
| No-load current (max.) | 55 mA |
| Housing dimensions | 82 x 12 x 12 mm |
| Housing length | 82 mm |
| Housing height | 12 mm |
| Housing width | 12 mm |
| Housing material | Aluminum (Anodized) |
| Material of cable | PVC |
| Protection class | III, operation on protective low voltage |
| Operating principle | Through-beam sensor, transmitter |
| Evaluation | digital |
| Design | Cuboid design |
| Characteristics | High transmit power and dirt penetration |
| Consisting of | Transmitter |
| Light source | LED |
| Color | Infrared |
| Wavelength | 870 nm |
| Modulation | Clocked |
| Deflection angle FWHM | 6° |
| Range | 0 ... 50000 mm (dependent on the receiver) |



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OSPQ 12 MHFL-5M

High performance light barrier, transmitter

Technical data (typ.)

+20°C, 24 V DC

Sensitivity adjustment

no setting elements

Shock/vibration load

30 g, 11 ms / 10 ... 55 Hz, 2.0 mm

Ambient temperature during operation

-20 ... +60 °C

Protection type

IP 67

Connection

Cable, 5.0 m

More information / accessories

<https://www.di-soric.com/204157>