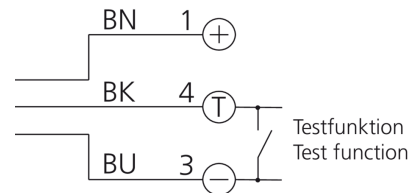
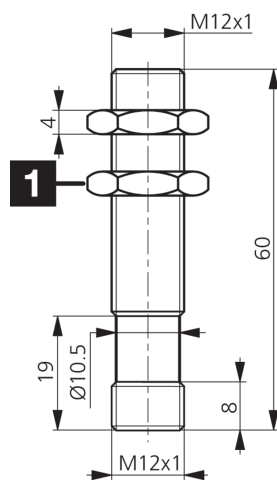
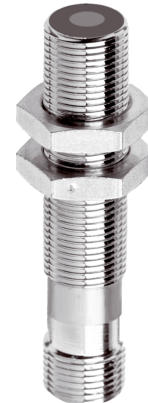




**201504**  
**OSV 12 M 10000-IBSL**  
**Through-beam sensor, transmitter**

- Long range
- Transmitter test function
- High resolution, switching accuracy, switching frequency
- Compact design



1) Width over flats 17 mm

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage 10 ... 36 V DC

No-load current (max.) 15 mA

Insulation voltage endurance 1000 V

Thread M12 x 1

Housing material Brass (CuZn, nickel-plated)

Material Glass (Window)

Protection class III, operation on protective low voltage

Operating principle Through-beam sensor

Evaluation digital

Design Thread

Consisting of Transmitter

Light source LED

Color Red

Wavelength 660 nm

Modulation Clocked

Range 0 ... 10000 mm

Switching hysteresis (max.) 10 %

Sensitivity adjustment no setting elements

Switching frequency 1000 Hz

Ambient temperature during operation -25 ... +55 °C

**201504****OSV 12 M 10000-IBSL****Through-beam sensor, transmitter****Technical data (typ.)****+20°C, 24 V DC**

Temperature drift

0.5 %/K

Protection type

IP 67

Connection

Connector, M12, 3-pin

Connection cable

VK ...

**More information / accessories**<https://www.di-soric.com/201504>