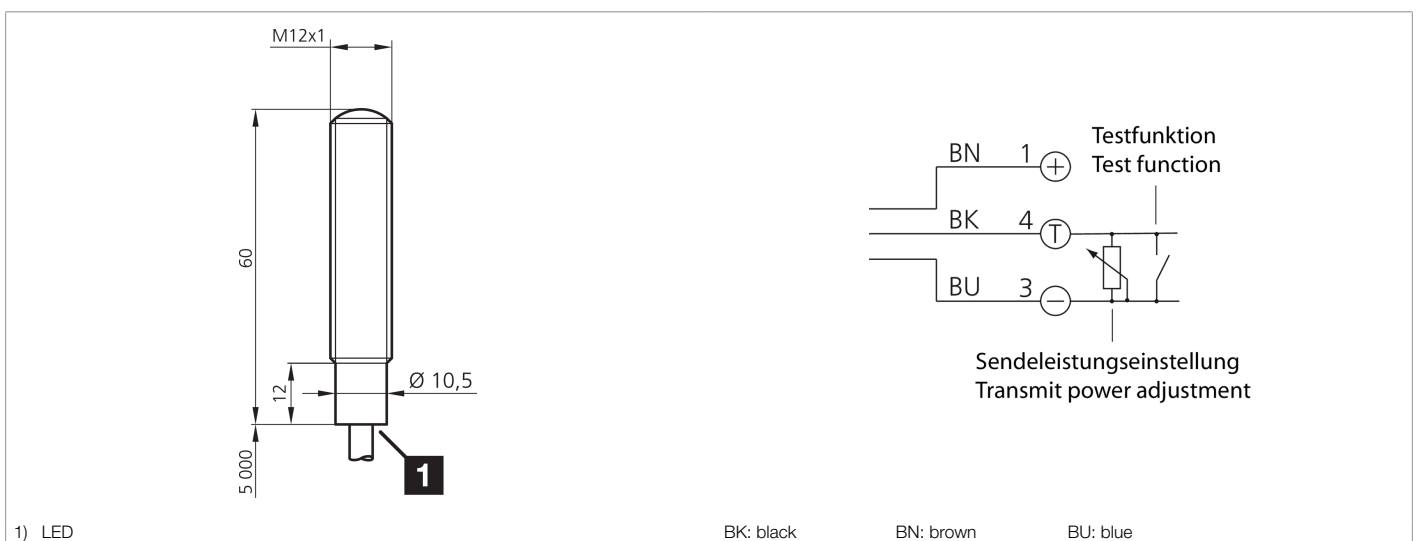




**204155**  
**OSP 12 VHFL-5M**  
**High performance light barrier, transmitter**

- 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
Thread	M12 x 1
Housing length	60 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material of cable	PVC
Protection class	III, operation on protective low voltage
Operating principle	Through-beam sensor, transmitter
Evaluation	digital
Design	Thread
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)
Sensitivity adjustment	no setting elements
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 2.0 mm



**204155**

**OSP 12 VHFL-5M**

**High performance light barrier, transmitter**

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-20 ... +60 °C

Protection type

IP 67 / IP 68 / IP 69K

Connection

Cable, 5.0 m

**More information / accessories**

<https://www.di-soric.com/204155>