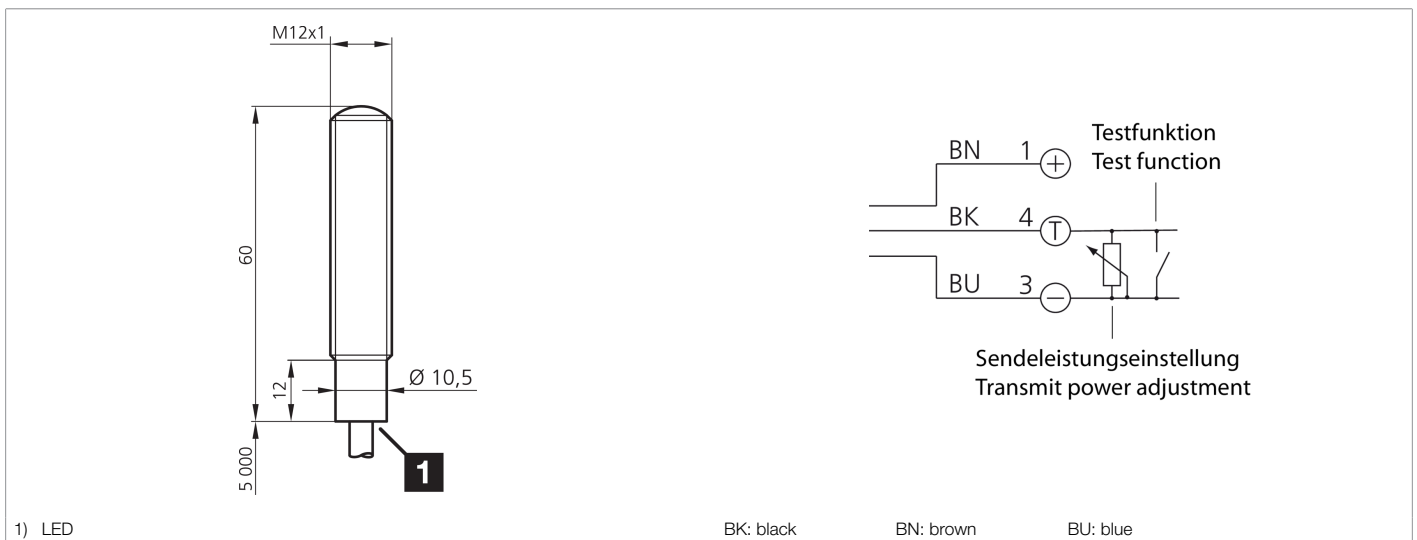




**204085**  
**OSP 12 VLFL-5M**  
**High performance light barrier, transmitter**

- Range up to 20 m
- 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	15°
Range	0 ... 20000 mm (dependent on the receiver)
Sensitivity adjustment	no setting elements
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 2.0 mm



204085

OSP 12 VLFL-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/204085>