

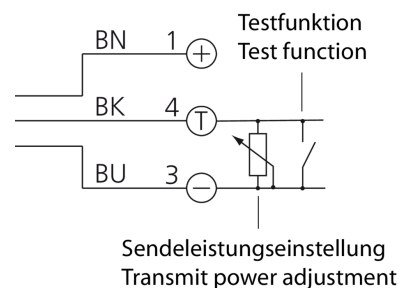
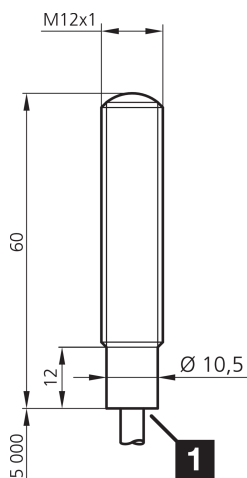


204085

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



1) LED

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 35 V DC
No-load current (max.)	55 mA

Mechanical features

Thread	M12 x 1
Housing length	60 mm
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material of cable	PVC

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	Through-beam sensor, transmitter
Evaluation	digital
Design	Thread
Characteristics	High transmit power and dirt penetration
Consisting of	Transmitter



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

Technical data (typ.)		+20°C, 24 V DC
Optical data		
Light source	LED	
Color	Infrared	
Wavelength	870 nm	
Modulation	Clocked	
Deflection angle FWHM	15°	
Detection range, measuring range, tolerance limits		
Range	0 ... 20000 mm (dependent on the receiver)	
Display, operation		
Sensitivity adjustment	no setting elements	
Ambient conditions		
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 2.0 mm	
Ambient temperature during operation	-20 ... +60 °C	
Protection type	IP 67 / IP 68 / IP 69K	
Electrical connection		
Connection	Cable, 5.0 m	
More information / accessories		https://www.di-soric.com/204085