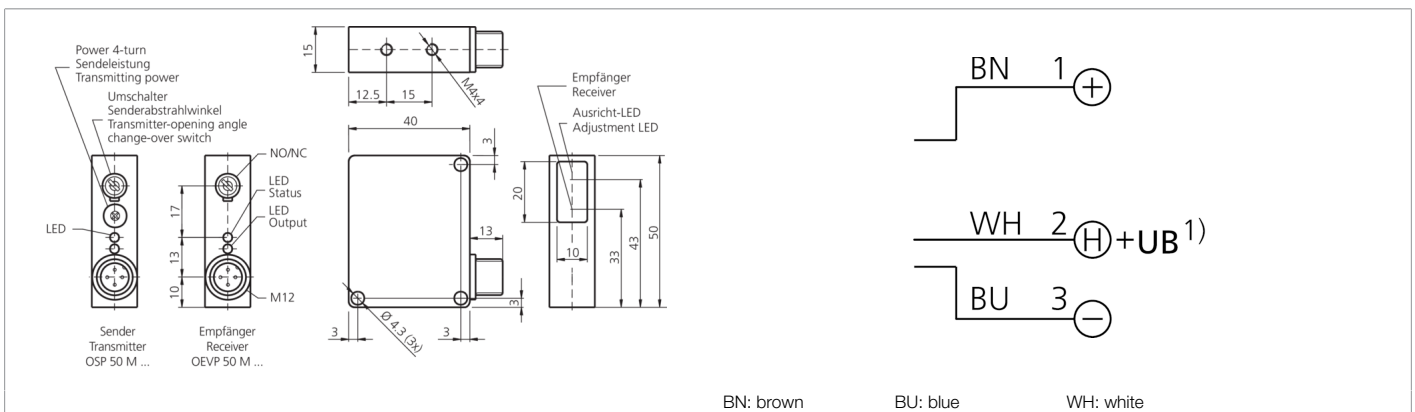




**203695**  
**OSP 50 M 50000-IBS/H**  
**High performance light barrier, transmitter**

- With heating element
- High function reserve
- Extremely dirt-resistant
- Long range
- Transmitter reflected beam angle switchable
- Transmit power adjustable
- Infrared light



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	55 mA
Power consumption	20 W (Warm-up), 7 W (With heater)
Housing dimensions	50 x 40 x 15 mm
Housing length	40 mm
Housing height	50 mm
Housing width	15 mm
Housing material	Die-cast zinc (Black, painted)
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
Opening angle	6°/15° switchable
Ambient light immunity	15 kLx Sunlight, 2 kLx Clocked light
Range	0 ... 50000 mm (dependent on the receiver)
Sensitivity adjustment	Potentiometer (4-turn)
Ambient temperature during operation	-40 ... +50 °C
Protection type	IP 67



203695

OSP 50 M 50000-IBS/H

High performance light barrier, transmitter

**Technical data (typ.)**

Connection

+20°C, 24 V DC

Connector, M12, 3-pin

**More information / accessories**

<https://www.di-soric.com/203695>