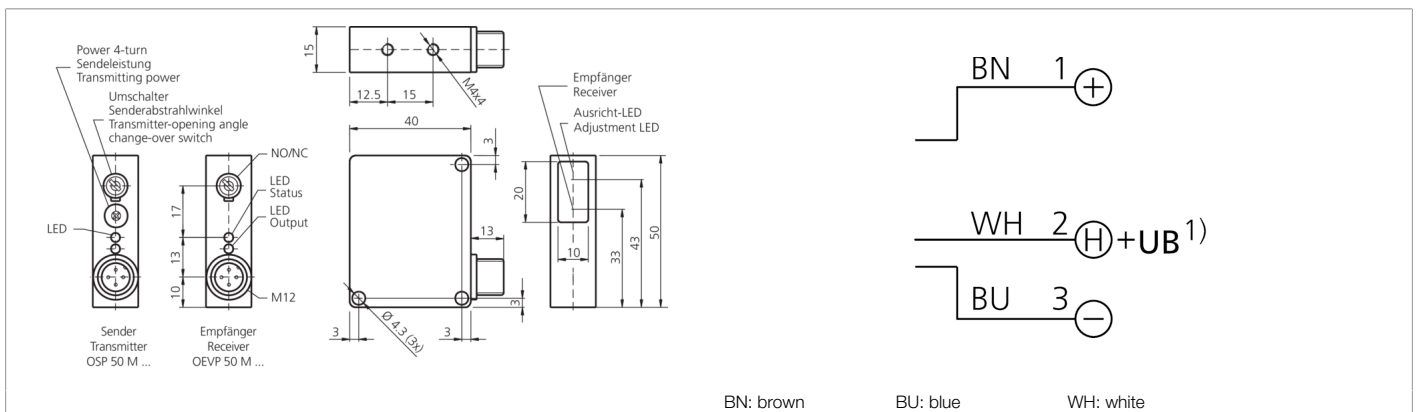


204810
OSP 50 M 20000-IBS/H
High performance light barrier, transmitter

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



Function													
													
Technical data (typ.)							+20°C, 24 V DC						
Service voltage							10 ... 35 V DC						
No-load current (max.)							22 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 ... 20000 mm (dependent on the receiver)						
Sensitivity adjustment							Potentiometer (4-turn)						
Ambient temperature during operation							-40 ... +50 °C						
Protection type							IP 67						

**204810****OSP 50 M 20000-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/204810>