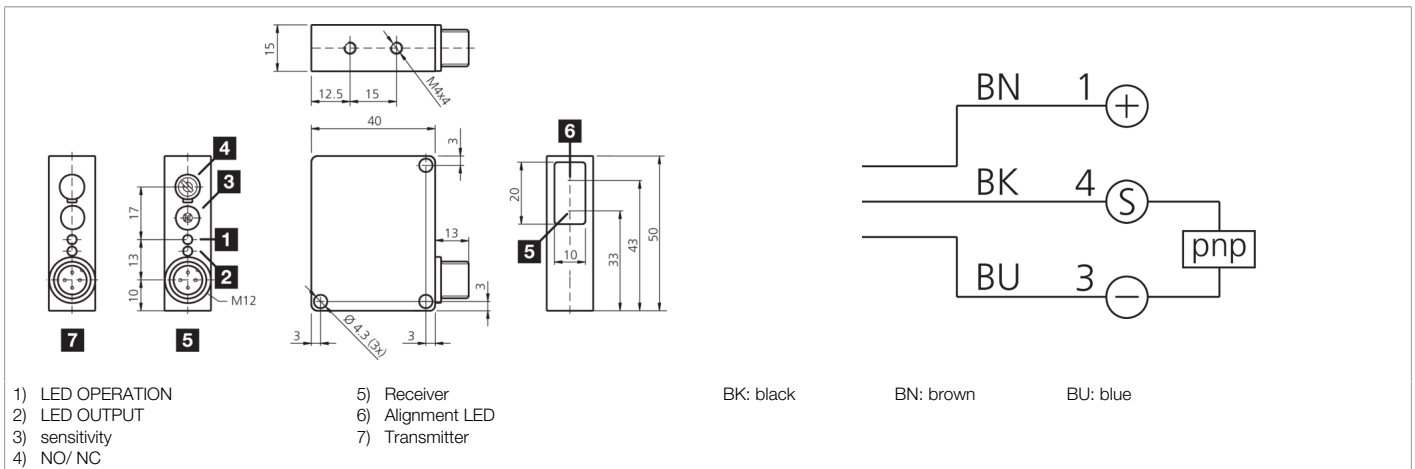




201187
OEV 51 M 10000 P3K-IBS
Through-beam sensor, receiver

- Bright alignment aid via LED in receiver optics
- Red light
- Long range
- Light/dark switching
- High switching frequency
- Robust metal housing



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	35 mA
Insulation voltage endurance	500 V
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)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Receiver
Switching output	pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Ambient light immunity	20 kLx at 10° angle of irradiation, 5 kLx at 5° angle of irradiation
Range	0 ... 10000 mm
Resolution	Ø 3.0 mm
Switching hysteresis (max.)	12 %
Sensitivity adjustment	Potentiometer
Switching frequency	100 Hz / 200 Hz



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OEV 51 M 10000 P3K-IBS

Through-beam sensor, receiver

Technical data (typ.)

+20°C, 24 V DC

Ambient temperature during operation

-25 ... +60 °C

Protection type

IP 67

Connection

Connector, M12, 3-pin

More information / accessories

<https://www.di-soric.com/201187>