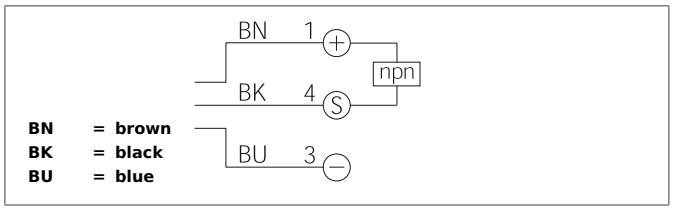
OEV 51 M 10000 N3K-TSSL
Through Beam Sensor, Receiver

- Bright alignment aid via LED in receiver optics
- Red light
- High operating distance
- Light/dark switching
- High operating frequency
- Robust metal casing



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
These instruments shall exclusively be used by qualified personnel.

TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Operating principle	Through beam sensors, receiver, switching output
Evaluation	digital
Size	50 x 40 x 15 mm (Dimensions)
Design	cuboid design
Service voltage	10 ... 35 V DC
Internal power consumption	< 35 mA
Operating distance	10.000 mm
Resolution	Ø 3 mm
Sensitivity adjustment	potentiometer
Switching output	npn, 200 mA, NO/NC, switchable
Switching hysteresis	< 12 %
Voltage drop	< 2,0 V
Switching frequency	800 Hz (up to 5,0 m), 400 Hz (up to 5,0 m)
Ambient temperature	-25 ... +60 °C
Ambient light immunity	20 kLx, at 10° angle of irradiation, 5 kLx, at 5° angle of irradiation
Insulation voltage endurance	500 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	Die-cast zinc black lacquered finish
Material	polymethyl methacrylate (Window)
Connection	Connector, M8, 3-poled