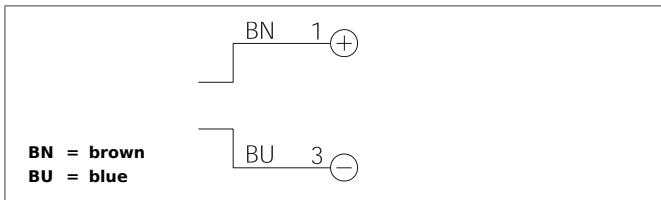


OLS Q10 M 500-TSSL

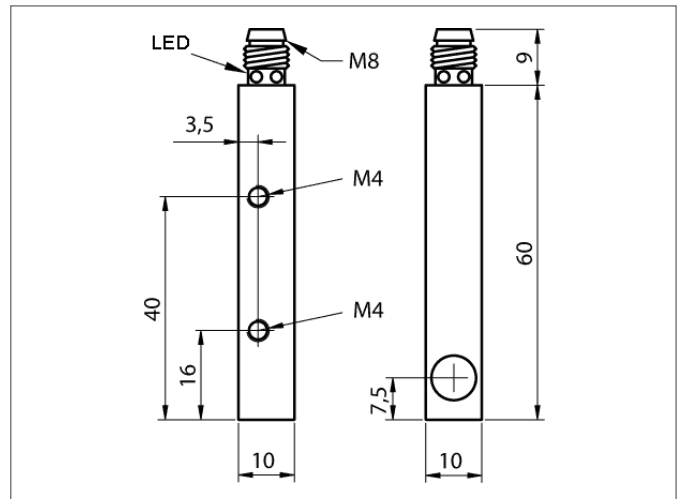
Laser Through Beam Sensor, Transmitter

- Collimated red light laser, clocked
- Visible laser spot
- Small design
- High resolution, switching accuracy, switching frequency
- Robust metal casing



Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevention rules and laser class. 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. Repair only by di-soric.



TECHNICAL INFORMATION		+20°C, 24V DC
Size		10 x 10 x 60 mm (Dimensions)
Design		cuboid design
Emitted light		Red light laser, 670 nm, clocked
Operating distance		0 ... 500 mm
Service voltage		10 ... 35 V DC
Transmitter / receiver		transmitter
Laser class		2 (EN 60825-1)
Internal power consumption		< 30 mA
Operating frequency		2.000 Hz
Resolution		Ø 1,0 mm
Reproducibility		< 0,1 mm
Laser beam divergency		2 mrad
Laser direction error		< 10 mrad
Ambient temperature		0 ... +50 °C
Ambient light immunity		> 5 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		die-cast zinc black lacquered finish
Connection		Connector, M8, 3-poled