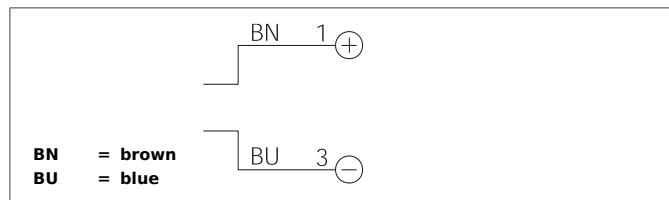


OLS Q10 M 2000-TSSL

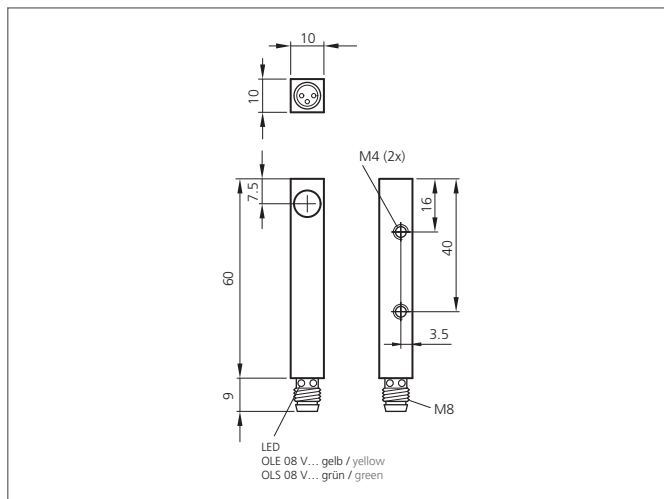
Laser Through Beam Sensor, Transmitter

- Collimated red light laser
- Visible laser spot
- Small design
- 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.



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Operating principle		Through beam sensors, transmitter
Evaluation		digital
Size		10 x 10 x 60 mm (Dimensions)
Design		cuboid design
Emitted light		Red light laser, 670 nm, clocked
Laser class		1 (IEC 60825-1)
Service voltage		10 ... 35 V DC
Internal power consumption		< 30 mA
Operating distance		500 ... 2.000 mm
Sensitivity adjustment		no setting elements
Switching frequency		2.000 Hz
Laser beam divergency		2 mrad
Laser direction error		< 10 mrad
Ambient temperature		0 ... +50 °C
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		glass (Window)
Connection		Connector, M8, 3-poled
Connecting cable		TK ...