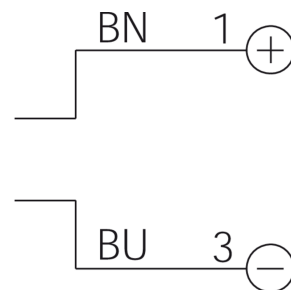
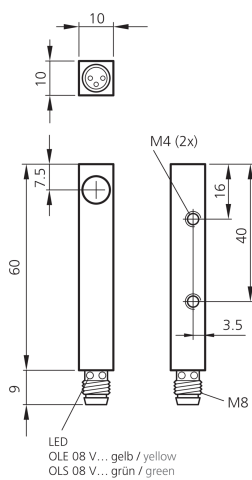
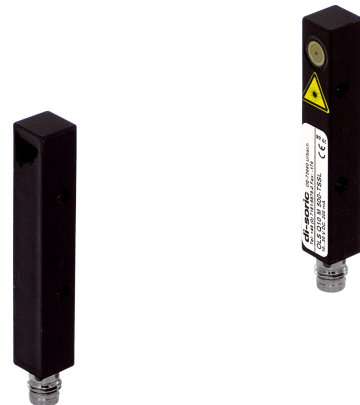




202843
OLS Q10 M 2000-TSSL
Laser through-beam sensor, transmitter

- Collimated red-light laser
- Visible laser spot
- Compact design
- Robust metal housing



BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 35 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	500 V

Mechanical features

Housing dimensions	60 x 10 x 10 mm
Housing length	10 mm
Housing height	60 mm
Housing width	10 mm
Housing material	Die-cast zinc (Black, painted)
Material	Glass (Window)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Transmitter


202843
OLS Q10 M 2000-TSSL
Laser through-beam sensor, transmitter
Technical data (typ.)
+20°C, 24 V DC
Output, input, interface

Voltage drop (max.) 2.5 V

Optical data

Light source Laser

Laser class CLASS 1 LASER PRODUCT, (IEC 60825-1:2014 / EN 60825-1:2014)

Color Red

Wavelength 650 nm (Pp < 1.6 mW t = 6 µs)

Modulation Clocked

Laser beam divergence 2 mrad

Laser direction error < 10 mrad

Detection range, measuring range, tolerance limits

Range 500 ... 2000 mm

Display, operation

Sensitivity adjustment no setting elements

Time behavior

Switching frequency 2000 Hz

Ambient conditions

Ambient temperature during operation 0 ... +50 °C

Protection type IP 67

Electrical connection

Connection Connector, M8, 3-pin

Accessories

Connection cable TK ...

More information / accessories
<https://www.di-soric.com/202843>