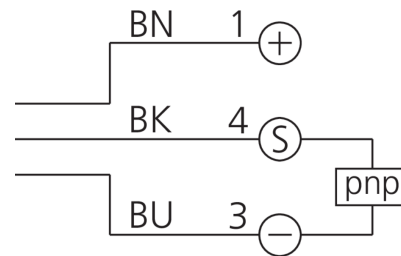
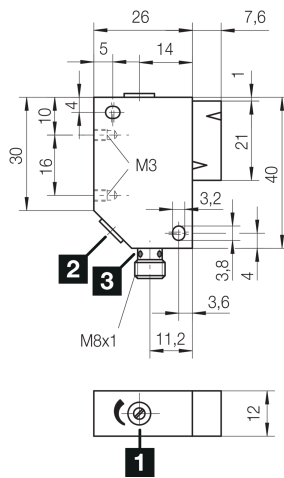




201488
ORV 41 K 2500 P3K-TSL
Retroreflective sensor

- Red light
- Polarization filter
- Sensitivity is adjustable
- High resolution
- Light/dark switching
- Compact design



1) Potentiometer
 2) NO/ NC

3) LED

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	10 ... 35 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	500 V
Housing dimensions	40 x 34 x 12 mm
Housing length	34 mm
Housing height	40 mm
Housing width	12 mm
Housing material	Plastic (PE, glass-fiber reinforced)
Material	Plastic (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective sensor
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 200 mA, NO/NC
Voltage drop (max.)	2 V
Light source	LED
Color	red
Wavelength	660 nm
Modulation	Clocked, polarized
Ambient light immunity	50 kLx



201488
ORV 41 K 2500 P3K-TSL
Retroreflective sensor

Technical data (typ.)	+20°C, 24 V DC
Switching distance	2500 mm
Referring reflector	100 x 100 mm
Switching hysteresis (max.)	2 mm
Sensitivity adjustment	Potentiometer
Switching frequency	750 Hz
Response time	1.0 ms
Release time	2.0 ms
Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
More information / accessories	https://www.di-soric.com/201488