

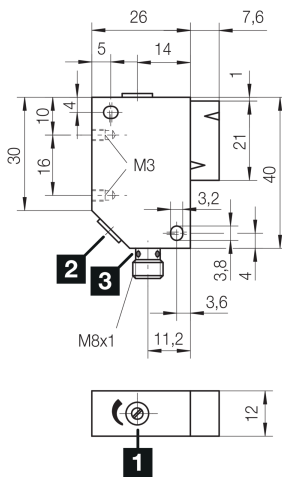


201551

OTV 40 K 400 P3K-TSL

Retroreflective diffuse sensors with background suppression

- Compact design
- Infrared light
- Sensitivity is adjustable
- High resolution
- Light/dark switching



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	Polyester (glass-fiber reinforced)
Material	Plastic (Window)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 200 mA, NO/NC
Voltage drop (max.)	2 V
Ambient light immunity	50 kLx
Scanning range	400 mm
Standardized measuring plate	100 x 100 mm (white)
Switching hysteresis (max.)	< 10 %



201551

OTV 40 K 400 P3K-TSL

Retroreflective diffuse sensors with background suppression

Technical data (typ.)	+20°C, 24 V DC
Sensitivity adjustment	Potentiometer
Switching frequency	750 Hz
Response time	1.0 ms
Release time	2.0 ms
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	0 ... +60 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M8, 3-pin
More information / accessories	https://www.di-soric.com/201551