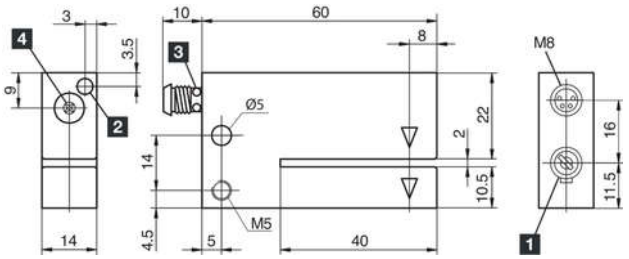
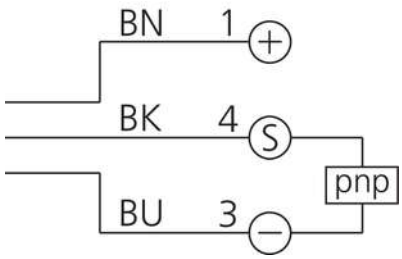
202659
OGUTI 002 P3K-TSSL
Optical label sensor

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- LED indicator for the teach procedure
- Detection of an extremely wide range of different labels
- Large functional reserve
- Light/dark switching







1) NO/ NC
2) LED
3) LED 4 x 90° (yellow)

BK: black BN: brown BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 … 35 V DC (Supply Class 2)
No-load current (max.)	35 mA
Insulation voltage endurance	500 V
Leg length internal	40 mm
Housing dimensions	35 x 60 x 14 mm
Housing length	60 mm
Housing height	35 mm
Housing width	14 mm
Housing material	Die-cast zinc (Black, painted)
Protection class	III, operation on protective low voltage
Approvals	UL
Operating principle	Optical
Evaluation	digital
Design	Fork
Product series	OGUTI Optical
Switching output	pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	40 kLx
Fork opening	2 mm
Resolution	Ø 0.5 mm
Switching hysteresis (max.)	0.1 mm
Reproducibility	< 0.03 mm

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Technical data (typ.)	+20°C, 24 V DC
Sensitivity adjustment	Teach button
Switching frequency	3000 Hz
Ambient temperature during operation	-10 … +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK …

More information / accessories	https://www.di-soric.com/202659

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