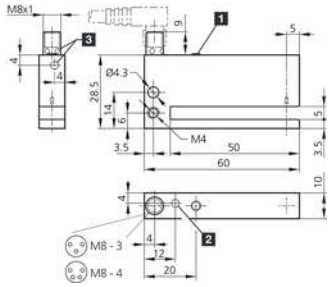
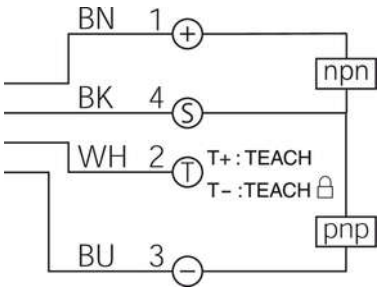
203443
OGUTI 005/50 FG3K-TSSL
Optical label sensor

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- Remote teach option with key-lock function
- LED indicator for the teach procedure
- Detection of an extremely wide range of different labels
- Large functional reserve
- To be integrated in edge of the label dispenser







1) TEACH key
2) LED OPERATION
3) LED STATUS (yellow)

BK: black BN: brown BU: blue WH: white

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 … 30 V DC (Supply Class 2)
No-load current (max.)	35 mA
Insulation voltage endurance	500 V
Leg length internal	50 mm
Housing dimensions	60 x 28.5 x 10 mm
Housing length	60 mm
Housing height	28.5 mm
Housing width	10 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	Push-pull, 100 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	5 mm
Switching hysteresis (max.)	0.15 mm
Label interspace	> 2 mm

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Technical data (typ.)	+20°C, 24 V DC
Reproducibility	< 0.05 mm
Sensitivity adjustment	Teach button, Remote teach
Switching frequency	3000 Hz
Ambient temperature during operation	-10 … +60 °C
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK … /4

More information / accessories	https://www.di-soric.com/203443

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