

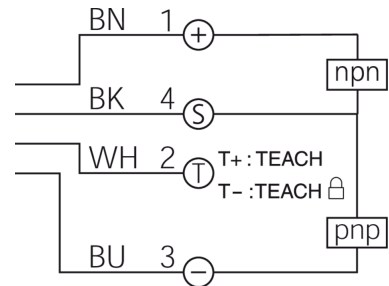
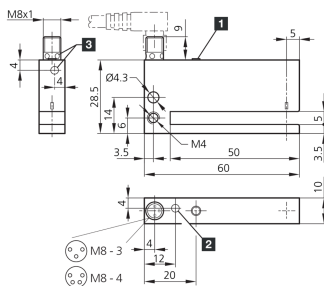


203443

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
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
Reproducibility	< 0.05 mm



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Optical label sensor

Technical data (typ.)		+20°C, 24 V DC
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