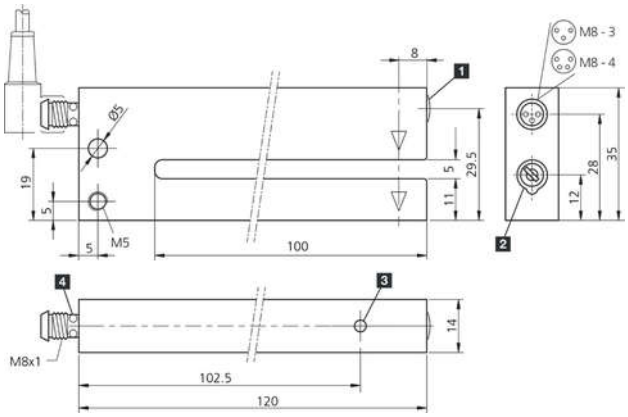
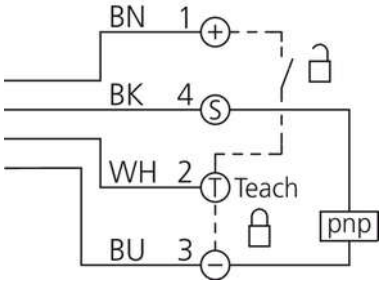
202708
OGUTI 005/100 FP3K-TSSL
Optical label sensor

- 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
- Large insertion depth for ideal probing position
- Detection of even the smallest objects
- Large functional reserve
- Light/dark switching







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

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

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	100 mm
Housing dimensions	35 x 120 x 14 mm
Housing length	120 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

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OGUTI 005/100 FP3K-TSSL
Optical label sensor

Technical data (typ.)	+20°C, 24 V DC
Ambient light immunity	40 kLx
Fork opening	5 mm
Resolution	Ø 0.5 mm
Switching hysteresis (max.)	0.1 mm
Reproducibility	< 0.03 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 …

More information / accessories	https://www.di-soric.com/202708

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