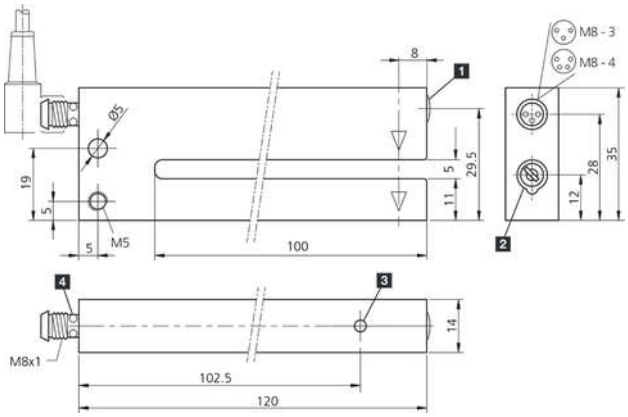
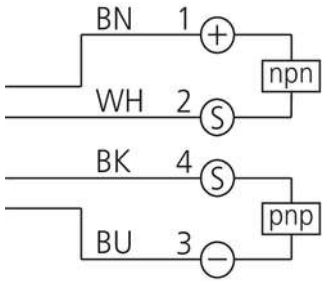
202707
OGUTI 005/100 PN3K-TSSL
Optical label sensor

- Fast, simple, safe: Sensitivity adjustment via teach key
- Auto-teach during a running process
- 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+npn, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked

202707
OGUTI 005/100 PN3K-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
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/202707

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