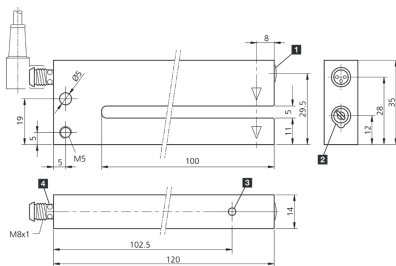




201273 OGU 05/100 PN3K-TSSL Optical label sensor

- Metal casing
- Electronics integrated
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Bright ring LED
- High protection type



1) Potentiometer
2) NO/ NC

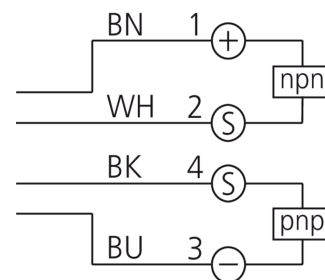
3) LED
4) LED 4 x 90° (yellow)

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.)	45 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
Operating principle	Optical
Evaluation	digital
Design	Fork
Product series	OGUTI Optical
Switching output	pnp+npn, 200 mA, NO/NC, switchable
Voltage drop (max.)	2.8 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	non-clocked
Ambient light immunity	10 kLx
Fork opening	5 mm
Switching hysteresis (max.)	0.1 mm
Sensitivity adjustment	Potentiometer
Switching frequency	10000 Hz



201273
OGU 05/100 PN3K-TSSL
Optical label sensor

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

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/201273>