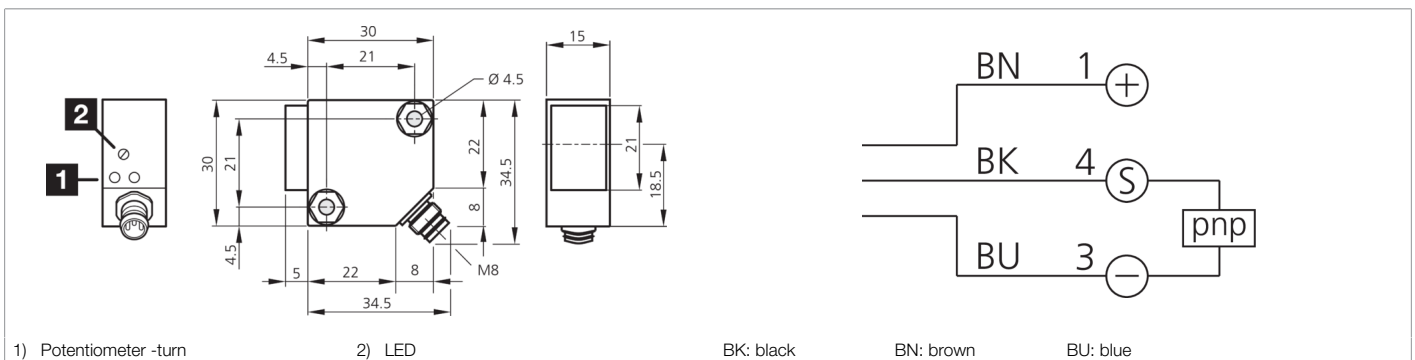




205665
OHT 31 K 200 P1K-TSSL
Diffuse sensor with background suppression

- Compact design
- Red light
- 12-turn potentiometer
- Background suppression
- Sensitivity adjustable, large operating distance



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 36 V DC
No-load current (max.)	25 mA
Insulation voltage endurance	1000 V
Housing dimensions	30 x 30 x 15 mm
Housing length	30 mm
Housing height	30 mm
Housing width	15 mm
Housing material	Plastic (PBT)
Material	Glass (Window)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Light source	LED
Color	red
Wavelength	660 nm
Modulation	Clocked
Background suppression	Yes
Ambient light immunity	10 kLx
Switching distance	adjustable
Scanning range	200 mm
Standardized measuring plate	100 x 100 mm (white)
Switching hysteresis (max.)	5 %
Sensitivity adjustment	Potentiometer (12-turn)



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OHT 31 K 200 P1K-TSSL

Diffuse sensor with background suppression

Technical data (typ.)	+20°C, 24 V DC
Switching frequency	500 Hz
Response time	1.0 ms
Release time	1.0 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/205665