

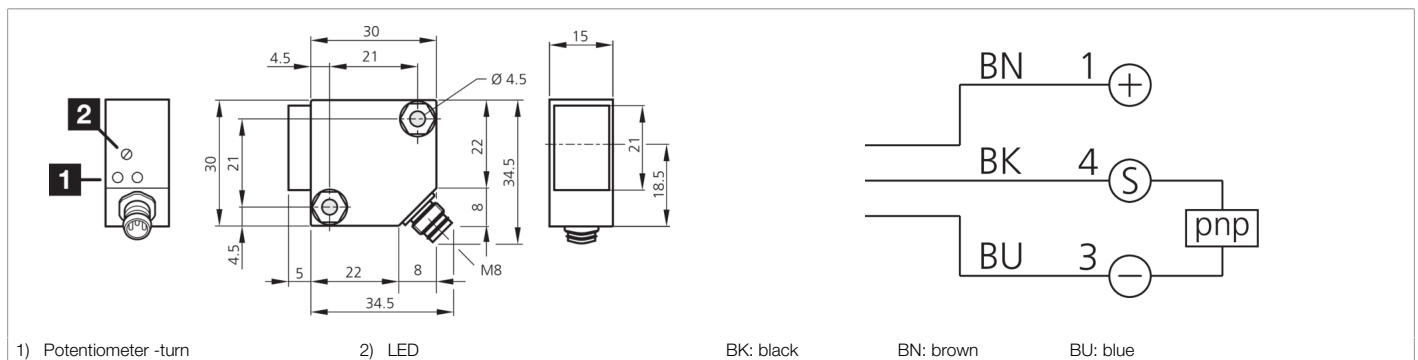


205665

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													CE	
														
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								
Approvals						UL								
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								
Range						200 mm								
Standardized measuring plate						100 x 100 mm (white)								
Switching hysteresis (max.)						5 %								

**205665****OHT 31 K 200 P1K-TSSL****Diffuse sensor with background suppression****Technical data (typ.)****+20°C, 24 V DC**

Sensitivity adjustment	Potentiometer (12-turn)
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>**