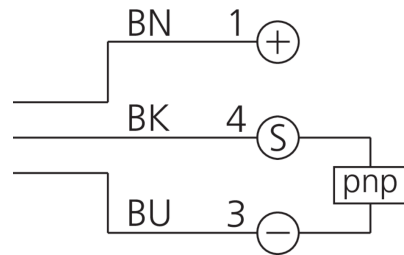
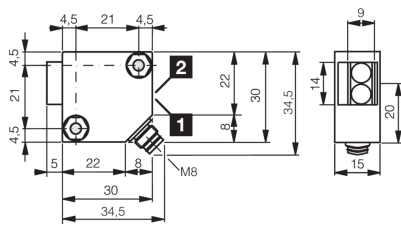




201420
OHT 30 K 150 P1K-TSSL
Diffuse sensor with background suppression

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



1) LED

2) Potentiometer

BK: black

BN: brown

BU: blue

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
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
Scanning range	15 ... 150 mm
Standardized measuring plate	100 x 100 mm (white)
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	500 Hz
Response time	1.0 ms



201420

OHT 30 K 150 P1K-TSSL

Diffuse sensor with background suppression

Technical data (typ.)	+20°C, 24 V DC
Release time	1.0 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 65
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/201420