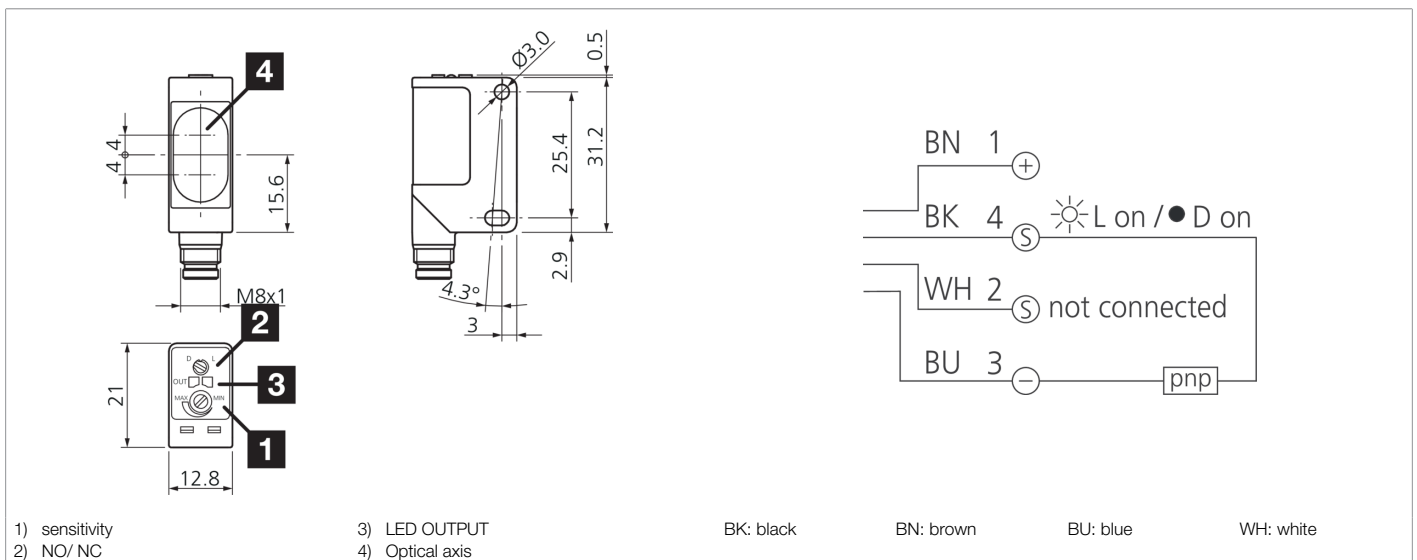




209251
OT 31 K 1000 P3-T4
Retroreflective diffuse sensor

- Compact design
- Red light
- Sensitivity is adjustable
- Switch for light/dark switching
- High scanning range
- Fully molded electronic circuitry, vibration-resistant
- Standardized hole spacing 25.4 mm



Function										
										CE

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 30 V DC
No-load current (max.)		30 mA
Insulation voltage endurance		1000 V
Housing dimensions		31.2 x 21 x 12.8 mm
Housing length		21 mm
Housing height		31.2 mm
Housing width		12.8 mm
Housing material		Plastic (PA, 6.6)
Material		PMMA (Window)
Protection class		III, operation on protective low voltage
Operating principle		Retroreflective diffuse sensor
Evaluation		digital
Design		Cuboid design
Switching output		pnp, 100 mA, NO/NC, switchable
Voltage drop (max.)		2 V
Light source		LED
Color		Red
Wavelength		630 nm
Modulation		Clocked



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OT 31 K 1000 P3-T4
Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Ambient light immunity	3 kLx Halogen light, 10 kLx Sunlight
Scanning range	1000 mm
Standardized measuring plate	400 x 400 mm (white)
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-25 ... +70 °C
Temperature drift	1 mm/K
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK ... /4
More information / accessories	https://www.di-soric.com/209251