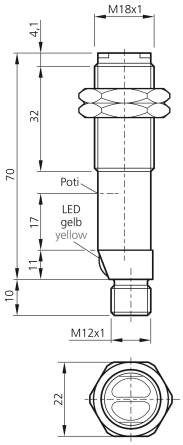
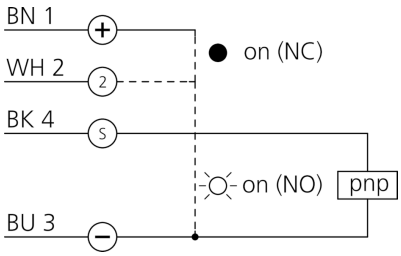
207582
OT 18 K 30 P3-B4
Retroreflective diffuse sensor

- Infrared light
- Sensitivity is adjustable
- LED switching status display
- Robust plastic housing
- High protection type





1) Potentiometer
2) LED yellow
3) Width over flats 22 mm

BK: black BN: brown BU: blue WH: white

Function

Technical data (typ.)	+20°C, 24 V DC
Electrical features	
Service voltage	10 … 30 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	1000 V
Mechanical features	
Thread	M18 x 1
Housing length	80 mm
Housing material	Plastic
Material	PMMA (Window)
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Output, input, interface	
Switching output	pnp, 100 mA, NO/NC, programmable

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Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Optical data	
Light source	LED
Color	Infrared
Wavelength	940 nm
Modulation	Clocked
Background suppression	Yes
Ambient light immunity	10 kLx
Detection range, measuring range, tolerance limits	
Range	10 … 30 mm (adjustable)
Standardized measuring plate	200 x 200 mm (white)
Display, operation	
Sensitivity adjustment	Potentiometer
Time behavior	
Switching frequency	300 Hz
Response time	2.0 ms
Release time	2.0 ms
Ambient conditions	
Ambient temperature during operation	-25 … +55 °C
Protection type	IP 66
Electrical connection	
Connection	Connector, M12, 4-pin

More information / accessories	https://www.di-soric.com/207582

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