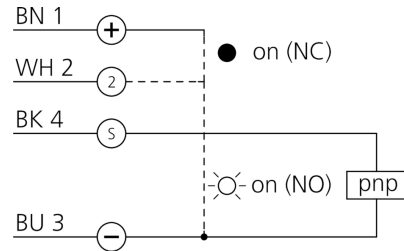
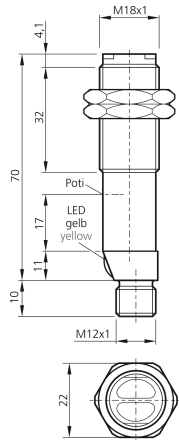




210026
OT 18-1 K 30 P3-B4
Retroreflective diffuse sensor

- High operational safety, dark black objects are detected
- Red 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

Service voltage	10 ... 30 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	1000 V
Thread	M18 x 1
Housing length	80 mm
Housing material	Plastic
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Switching output	pnp, 100 mA, NO/NC, programmable
Light source	LED
Color	red
Wavelength	635 nm
Background suppression	Yes
Ambient light immunity	10 kLx
Scanning range	10 ... 30 mm (adjustable)
Standardized measuring plate	200 x 200 mm (white)



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OT 18-1 K 30 P3-B4

Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Sensitivity adjustment	Potentiometer
Switching frequency	300 Hz
Response time	2.0 ms
Release time	2.0 ms
Ambient temperature during operation	-25 ... +55 °C
Protection type	IP 66
Connection	Connector, M12, 4-pin
More information / accessories	https://www.di-soric.com/210026