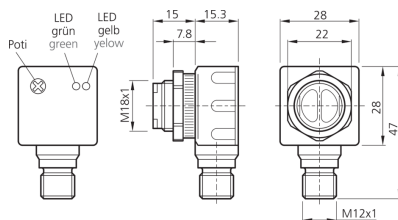




## 204012 OT 6-18 KR 400 P3K-BSL Diffuse sensor

- Plastic housing
- Plug connector M12
- Infrared light
- Sensitivity is adjustable
- LED switching status display



1) Potentiometer  
2) LED OPERATION

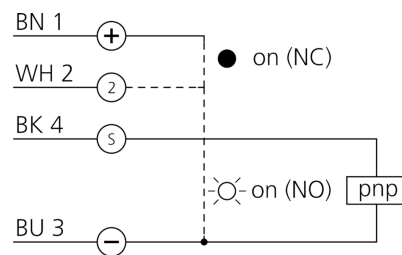
3) LED OUTPUT

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
Housing material	Plastic (ABS)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 100 mA, NO/NC, programmable
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	3 kLx Clocked light, 10 kLx Sunlight
Scanning range	400 mm
Standardized measuring plate	200 x 200 mm (white)
Sensitivity adjustment	Potentiometer
Switching frequency	333 Hz
Activation time	1,5 ms
Release time	1,5 ms
Ambient temperature during operation	-25 ... +50 °C
Protection type	IP 66
Connection	Connector, M12, 4-pin

### More information / accessories

<https://www.di-soric.com/204012>