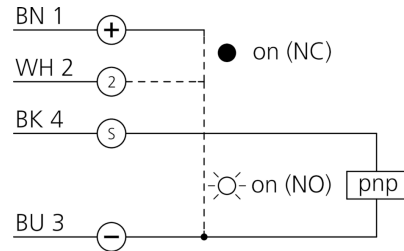
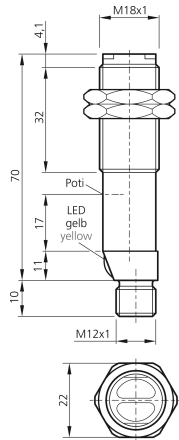


210026
OT 18-1 K 30 P3-B4
Retroreflective diffuse sensor

- 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) |



210026

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 |