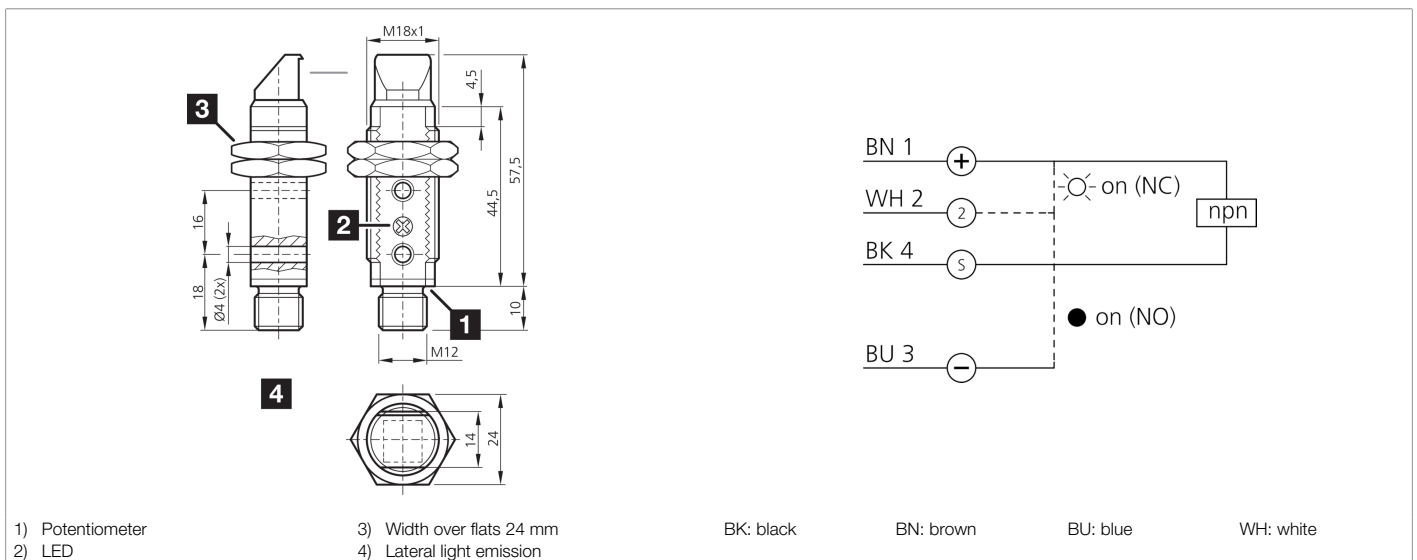




207963
OR 18-1 FKR 3600 N3-B4
Retroreflective sensor

- Angled optics
- Universal mounting options
- Low installation depth
- Sensitivity is adjustable
- LED switching status display
- Plastic housing



| Function | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|----|--|
| | | | | | | | | | | CE | |

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------|--|
| Service voltage | 10 ... 30 V DC |
| No-load current (max.) | 30 mA |
| Thread | M18 x 1 |
| Housing length | 67.5 mm |
| Housing material | Plastic (ABS) |
| Material | PMMA (Window) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Retroreflective sensor |
| Evaluation | digital |
| Design | Thread, Angled optics |
| Switching output | npn, 100 mA, NO/NC |
| Voltage drop (max.) | 2 V |
| Light source | LED |
| Color | red |
| Wavelength | 660 nm |
| Modulation | Clocked |
| Ambient light immunity | 3 kLx Clocked light, 10 kLx Sunlight |
| Range | 4000 mm |

**207963****OR 18-1 FKR 3600 N3-B4****Retroreflective sensor****Technical data (typ.)****+20°C, 24 V DC**

Range during operation with

- 1800 mm (R55)
- 3600 mm (R 84)
- 4000 mm (R 100x100)

Referring reflector

R55 (included)

Sensitivity adjustment

Potentiometer

Switching frequency

1000 Hz

Response time

0.50 ms

Release time

0.50 ms

Ambient temperature during operation

-25 ... +55 °C

Protection type

IP 67

Connection

Connector, M12, 4-pin

More information / accessories<https://www.di-soric.com/207963>