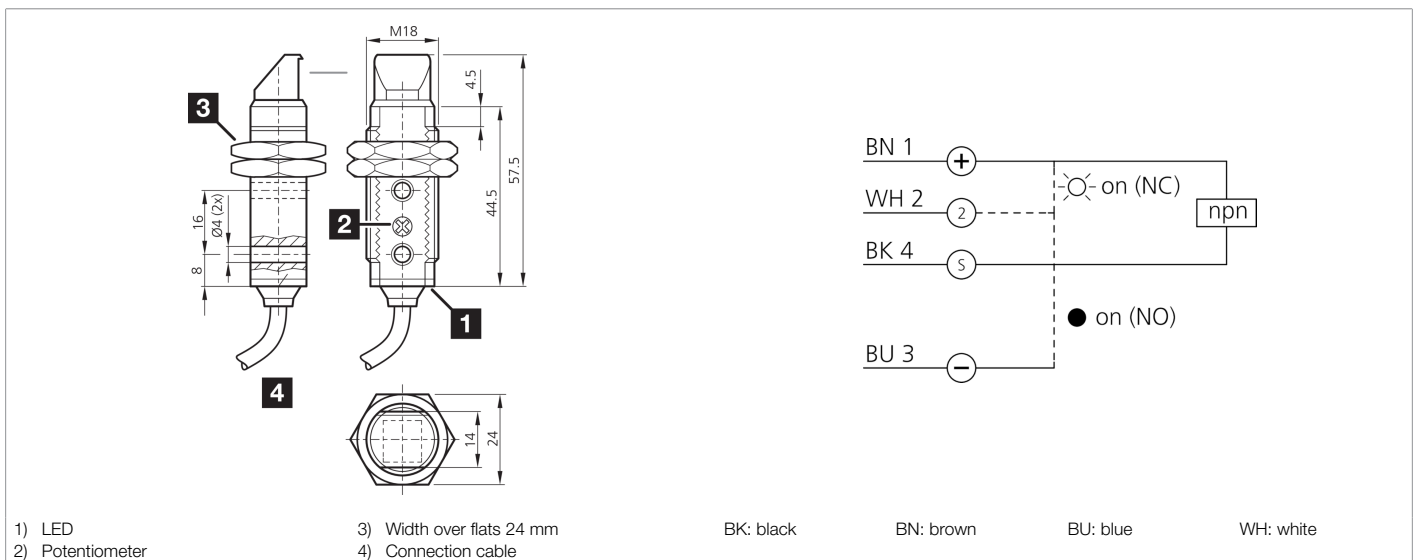




207959
OR 18-1 FKR 3600 N3
Retroreflective sensor

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



| Function | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |

| 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 | 57.5 mm |
| Housing material | Plastic (ABS) |
| Material of cable | PVC |
| 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 |



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| Technical data (typ.) | +20°C, 24 V DC |
|--------------------------------------|--|
| Range during operation with | <ul style="list-style-type: none"> ■ 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 | Cable, 2.0 m |
| More information / accessories | https://www.di-soric.com/207959 |