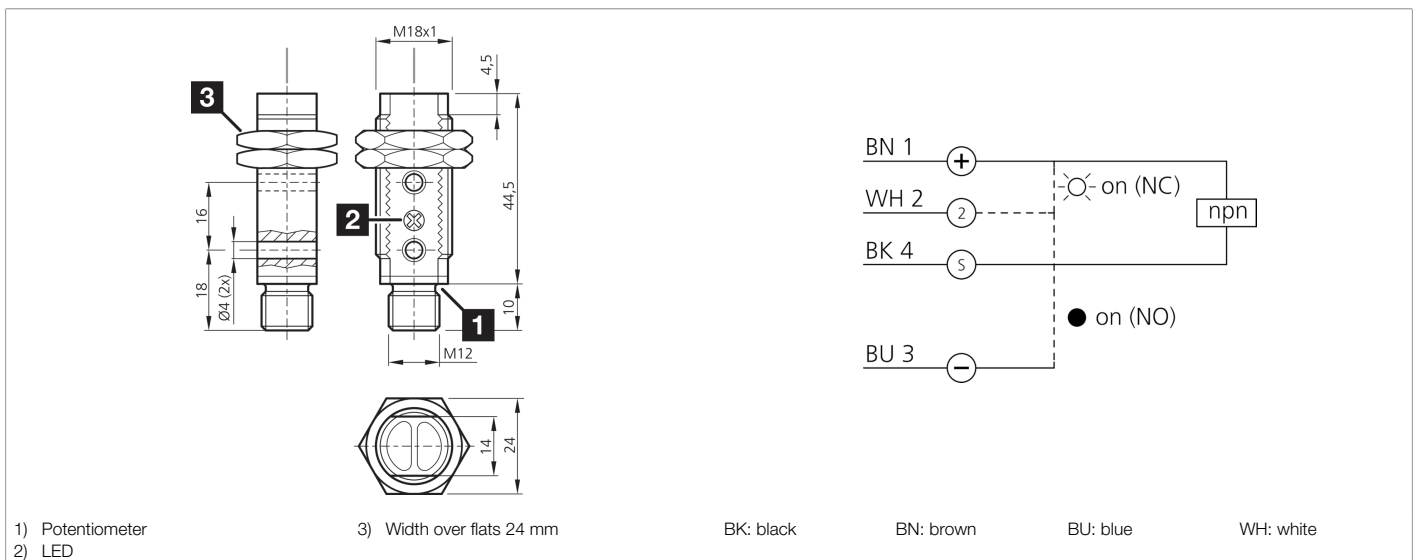




**207969**  
**OR 18-1 FM 5700 N3-B4**  
**Retroreflective sensor**

- Universal mounting options
- Low installation depth
- Sensitivity is adjustable
- LED switching status display
- Metal casing



| 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         | 54.5 mm                                  |
| Housing material       | Metal                                    |
| Material               | PMMA (Window)                            |
| Protection class       | III, operation on protective low voltage |
| Operating principle    | Retroreflective sensor                   |
| Evaluation             | digital                                  |
| Design                 | Thread                                   |
| 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                  | 5000 mm                                  |



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**Retroreflective sensor**

|                                       |  |
|---------------------------------------|--|
| <b>Technical data (typ.)</b>          | <b>+20°C, 24 V DC</b>  |
| Range during operation with           | <ul style="list-style-type: none"> <li>■ 2000 mm (R55)</li> <li>■ 4500 mm (R 84)</li> <li>■ 5000 mm (R 100x100)</li> </ul> |
| 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  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/207969">https://www.di-soric.com/207969</a></b>                                       |