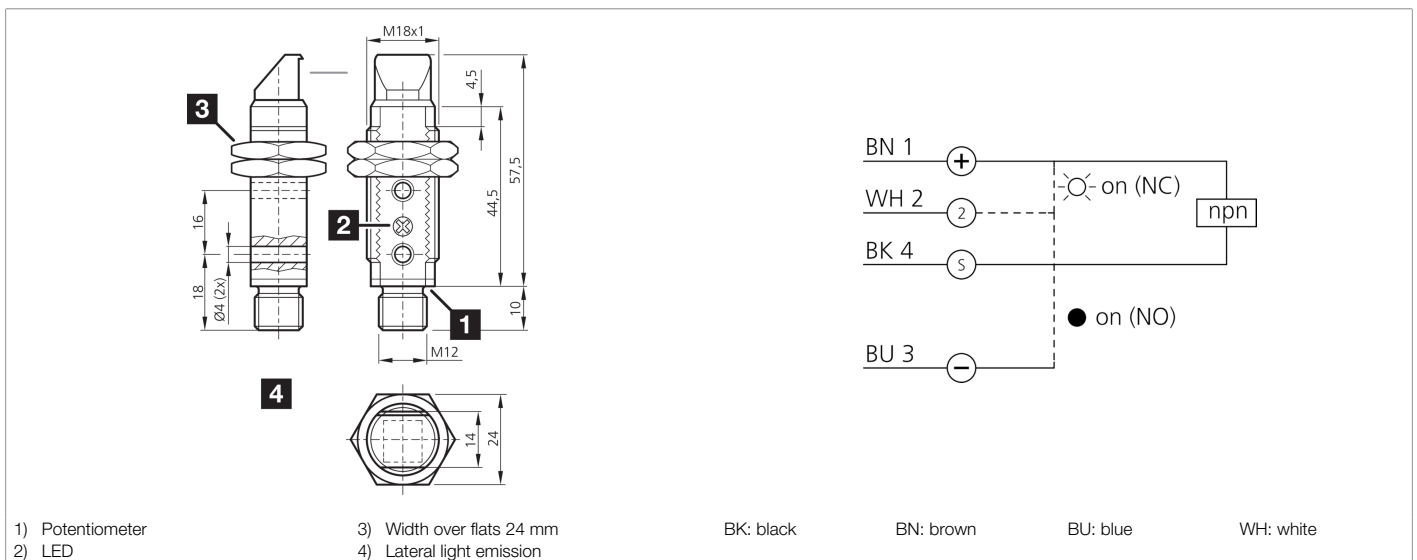




207963
OR 18-1 FKR 3600 N3-B4
Retroreflective sensor

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



Function										

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>