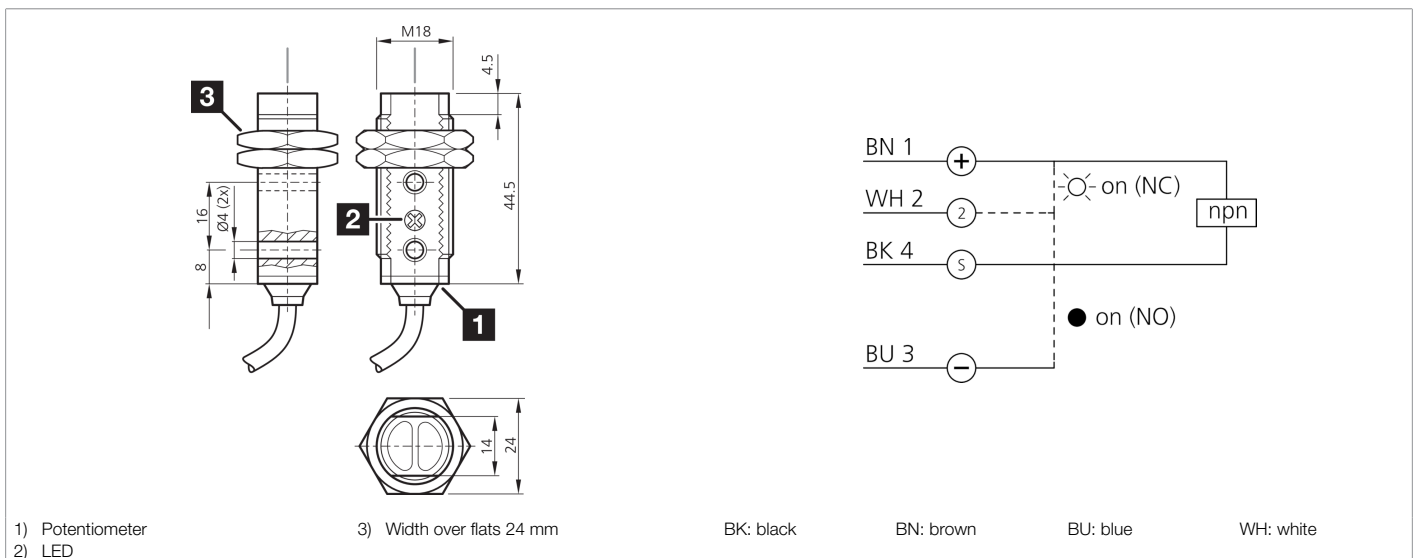




207957
OR 18-1 FK 5700 N3
Retroreflective sensor

- 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	44.5 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
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



207957

OR 18-1 FK 5700 N3

Retroreflective sensor

Technical data (typ.)

+20°C, 24 V DC

Range during operation with

- 2000 mm (R55)
- 4500 mm (R 84)
- 5000 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/207957>