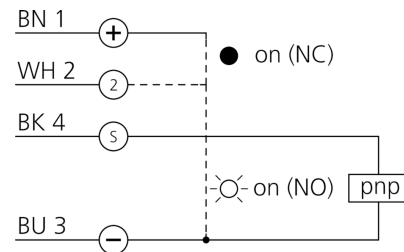
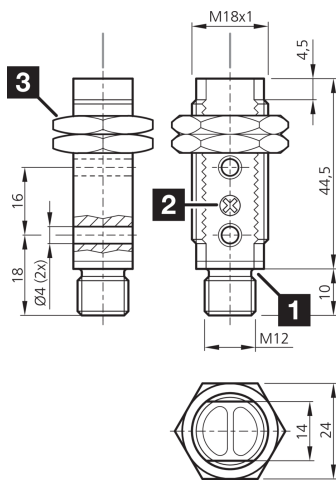




207968
OR 18-1 FM 5700 P3-B4
Retroreflective sensor

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



- 1) Potentiometer
 2) LED

3) Width over flats 24 mm

BK: black

BN: brown

BU: blue

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 30 V DC
No-load current (max.)	30 mA

Mechanical features

Thread	M18 x 1
Housing length	54.5 mm
Housing material	Metal
Material	PMMA (Window)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	Retroreflective sensor
Evaluation	digital
Design	Thread

Functional scope

Scope of delivery	Sensor, Reflector R55
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207968
OR 18-1 FM 5700 P3-B4
Retroreflective sensor

Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Switching output	pnp, 100 mA, NO/NC	
Voltage drop (max.)	2 V	
Optical data		
Light source	LED	
Color	Red	
Wavelength	660 nm	
Modulation	Clocked	
Ambient light immunity	3 kLx Clocked light, 10 kLx Sunlight	
Detection range, measuring range, tolerance limits		
Range	5000 mm	
Range during operation with	2000 mm (R55) 4500 mm (R 84) 5000 mm (R 100x100)	
Referring reflector	100 x 100 mm, R 100 x 100	
Display, operation		
Sensitivity adjustment	Potentiometer	
Time behavior		
Switching frequency	1000 Hz	
Response time	0.50 ms	
Release time	0.50 ms	
Ambient conditions		
Ambient temperature during operation	-25 ... +55 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M12, 4-pin	
More information / accessories		https://www.di-soric.com/207968