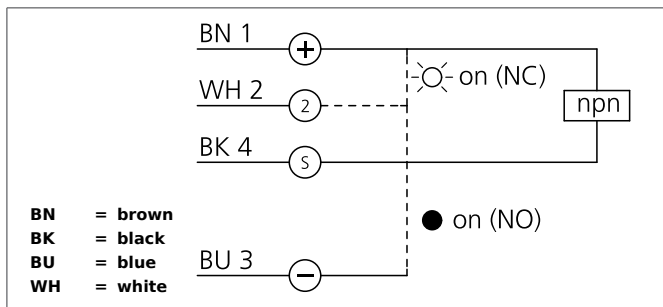
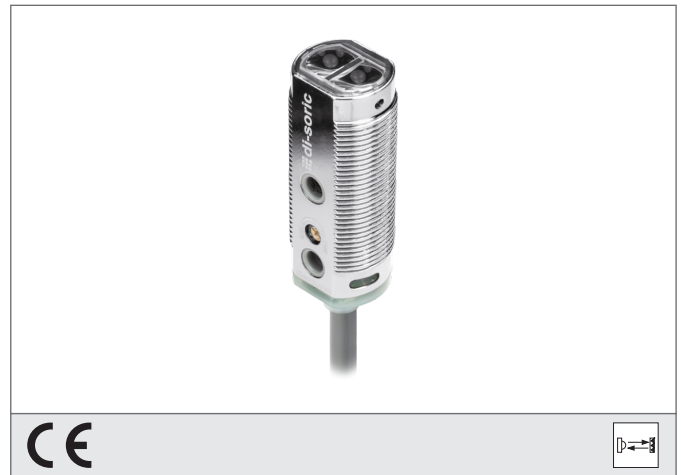


OR 18-1 FM 5700 N3 Retroreflective Sensor

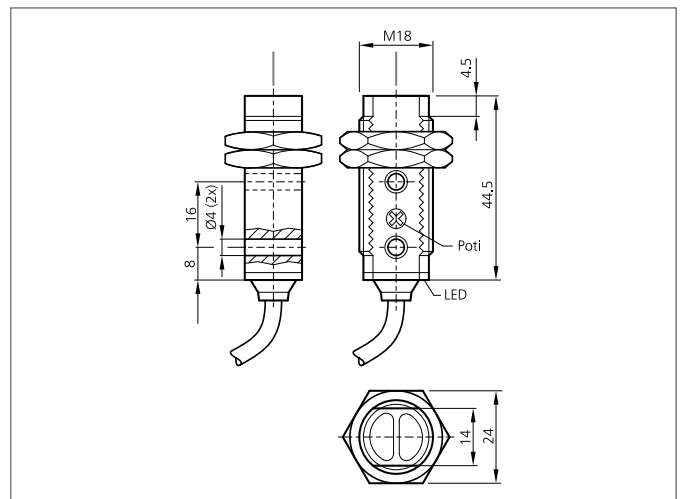


- Universal mounting possibility
- Low installation depth
- Sensitivity adjustable
- LED indicator for output state
- Metal casing



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	
Operating principle	+20°C, 24V DC Retroreflective sensor
Evaluation	digital
Size	M18 x 1 (thread)
Design	screw
Characteristics	Reflector R 46 included
Emitted light	Red, 660 nm, clocked
Service voltage	10 ... 30 V DC
No-load current	30 mA
Notee, powered by	3000 mm (R 46) 5700 mm (R 84) 6000 mm (R 100x100)
Sensitivity adjustment	potentiometer
Referring reflector	R 46, (included)
Switching output	npn, 100 mA, NO/NC
Shock/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop	< 2,0 V
Switching frequency	1000 Hz
Response-/release time	0,50 ms / 0,50 ms
Ambient temperature, operation	-25 ... +55 °C
Ambient light immunity	3 kLx, clocked light, 10 kLx, Sunlight
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	metal

OR 18-1 FM 5700 N3

Retroreflective Sensor



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Material		polymethyl methacrylate (Window) PVC (Cable)
Connection		Cable, 2,0 m