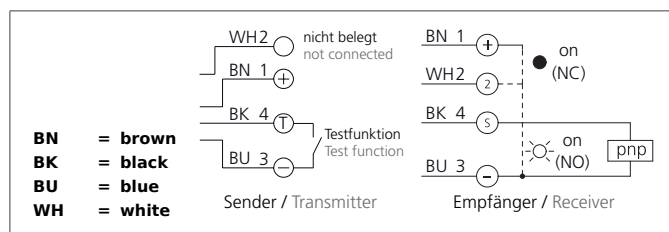
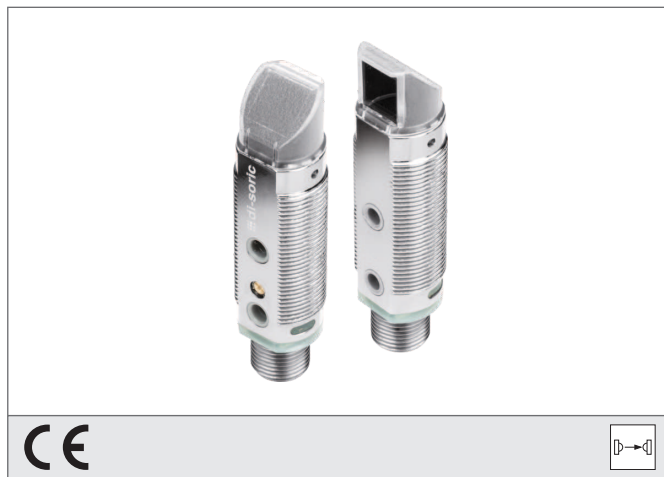


**OES 18 FMR 8000 P3-B4**

## Through Beam Sensor, Transmitter and Receiver

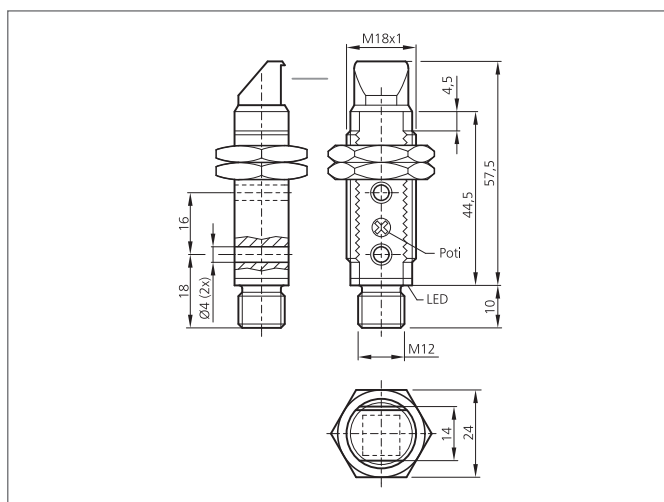
- Angled optics
- Universal mounting possibility
- Low installation depth
- Sensitivity adjustable
- LED indicator for output state
- Metal casing



## 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.)		+20°C, 24V DC
Operating principle		Through beam sensor
Evaluation		digital
Size		M18 x 1 (thread)
Design		screw
Emitted light		Infrared, 880 nm, clocked
Service voltage		10 ... 30 V DC
Internal power consumption		30 mA
Operating distance		0 ... 8.000 mm
Sensitivity adjustment		potentiometer
Switching output		pnp, 100 mA, NO/NC
Switching frequency		333 Hz
Response-/release time		1,5 ms / 1,5 ms
Ambient temperature		-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
Material		polymethyl methacrylate (Window)
Connection		Connector, M12, 4-poled