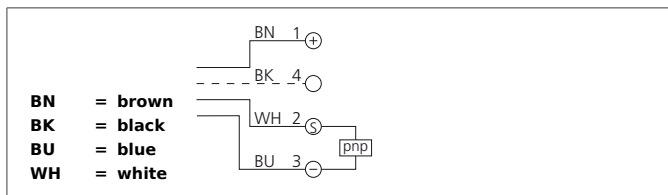


ORV 18 M 2000 P1K-IBSL Retroreflective Sensor



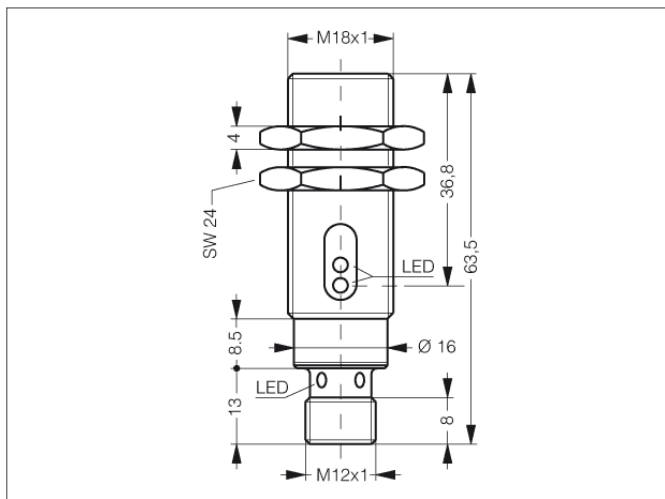
- Compact design
- Red light
- Polarized filter
- High resolution, operating frequency, functional reserve
- LED indication of output state and functional reserve
- High operating distance



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	Retroreflective sensor
Evaluation	digital
Size	M18 x 1 (thread)
Design	screw
Emitted light	Red, 660 nm, clocked, polarized
Operating distance	2000 mm
Service voltage	10 ... 36 V DC
No-load current	< 20 mA
Sensitivity adjustment	no setting elements
Referring reflector	Ø 84 mm
Switching output	pnp, 200 mA, 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	10 kLx
Insulation voltage endurance	1.000 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	brass nickel plated
Material	glass (Window)
Connection	Connector, M12, 4-poled