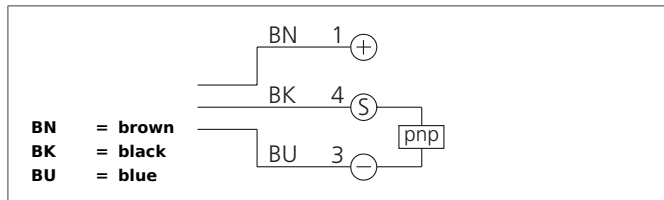


# OGL 55/55 P2L-IBS

## High Performance Angled Light Barrier

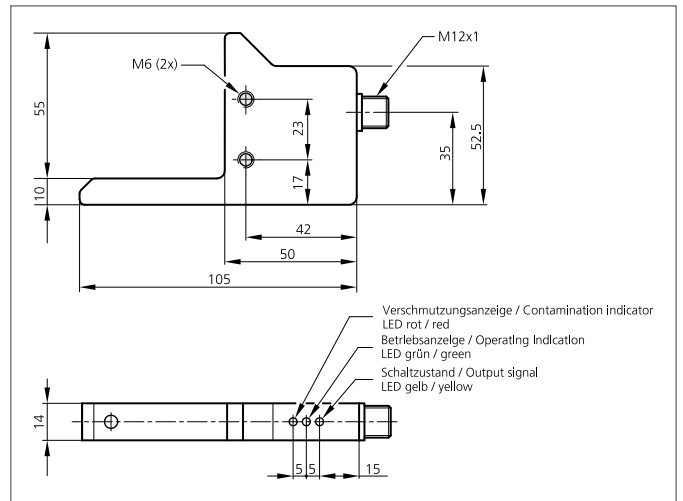
- Contamination indicator
- High functional reserve
- Extremely dirt-resistant
- Listed in the automobile industry
- Optical axis approachable in x-, y- and z-direction
- All-purpose mounting
- Robust metal casing



### 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		Optical
Evaluation		digital
Size		65 x 105 14 mm (Dimensions)
Design		Angle
Characteristics		High transmit power and dirt penetration
Emitted light		Infrared, 880 nm
Service voltage		10 ... 35 V DC (Supply Class 2)
No-load current		< 40 mA
Operating distance		60 mm (optical axis)
Sensitivity adjustment		no setting elements
Switching output		pnp, 200 mA, NO
Shock-/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop		< 2,0 V
Switching frequency		150 Hz
Ambient temperature, operation		-10 ... +60 °C
Ambient light immunity		5 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Protection degree		III, operation on protective low voltage
Casing material		Aluminium black anodized
Connection		Connector, M12, 3-poled
Connecting cable		TK ...