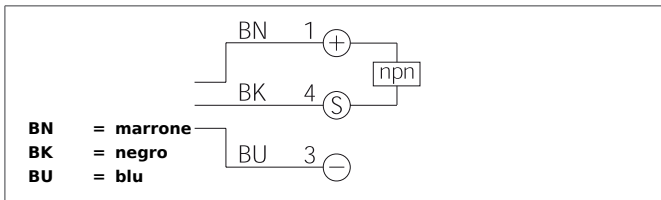


OGWSD 4055 N3K-TSSL

Frame Light Barrier

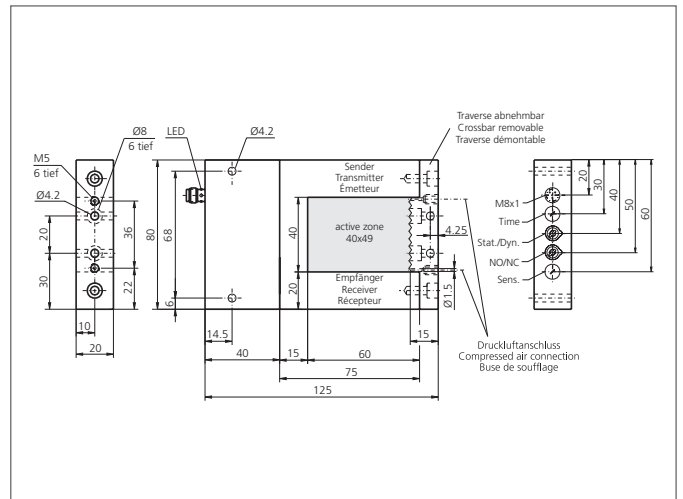
- Baffle protection at the optics
- Metal potentiometer
- Cross bar, removable
- Air nozzle for the optics
- NO/NC switchable
- Variable operating principle: dynamic or static
- Sensitivity adjustment
- Pulse stretching adjustable
- High resolution
- Short response time



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		Dynamic/static switchable, Optical
Active zone		40 x 49 mm
Emitted light		Infrared, 880 nm, clocked
Service voltage		18 ... 35 V DC
No-load current		< 30 mA
Resolution		Ø 0,7 mm (dynamic), Ø 1 mm (static)
Sensitivity adjustment		potentiometer
Switching output		npn, 200 mA, NO/NC, switchable
Shock-/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Pulse stretching		0,1 ... 150 ms adjustable
Voltage drop		< 2,5 V
Response-/release time		0,10 ms / 0,10 ... 150 ms
Ambient temperature, operation		0 ... +60 °C
Ambient light immunity		20 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, M8, 3-poled
Connecting cable		TK ...