

OGWSD 25 N3K-TSSL

Frame Light Barrier

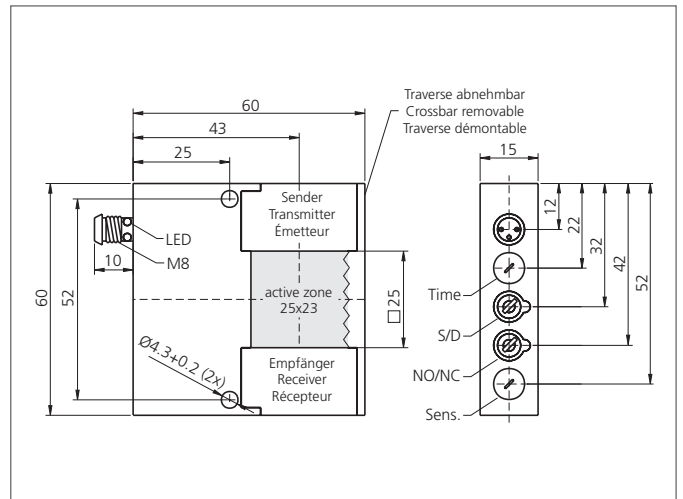
- Robust metal casing
- Metal potentiometer
- Cross bar, removable
- Easy-to-install
- NO/NC switchable
- Variable operating principle: dynamic or static
- Sensitivity adjustment
- Pulse stretching adjustable
- High resolution
- Short response time



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	25 x 23 mm
Emitted light	Infrared, 880 nm, clocked
Service voltage	10 ... 35 V DC
No-load current	< 25 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	< 2,0 V
Response-/release time	0,10 ms / 0,10 ... 150 ms
Ambient temperature, operation	0 ... +60 °C
Ambient light immunity	30 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 ...