

# Safety Through-Beam Sensor

## SL2-00NS000H2

Part Number



- Glass lenses
- Quick alignment through visible red light
- Test input

### Technical Data

Optical Data	
Range	0...20 m
Light Source	Red Light
Wavelength	640 nm
Opening Angle	± 4 °
Electrical Data	
Sensor Type	Emitter
Supply Voltage	24 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 20 mA
Temperature Range	-25...60 °C
Reverse Polarity Protection	yes
Protection Class	II
Protective Insulation, Rated Voltage	50 V
Mechanical Data	
Housing Material	Plastic
Full Encapsulation	yes
Degree of Protection	IP67
Connection	M12 × 1; 4-pin
Safety-relevant Data	
ESPE Type (EN 61496)	2 *
Safety Category (EN ISO 13849-1)	2
Performance Level (EN ISO 13849-1)	PL c
PFHD	3,16 × E-7 1/h *
Mission Time TM (EN ISO 13849-1)	20 a
MTTFd (EN ISO 13849-1)	381 a
Connection Diagram No.	769
Control Panel No.	K3 No3
Suitable Connection Equipment No.	2
Suitable Mounting Technology No.	350

### Suitable Receiver

SL2-00NE000H2

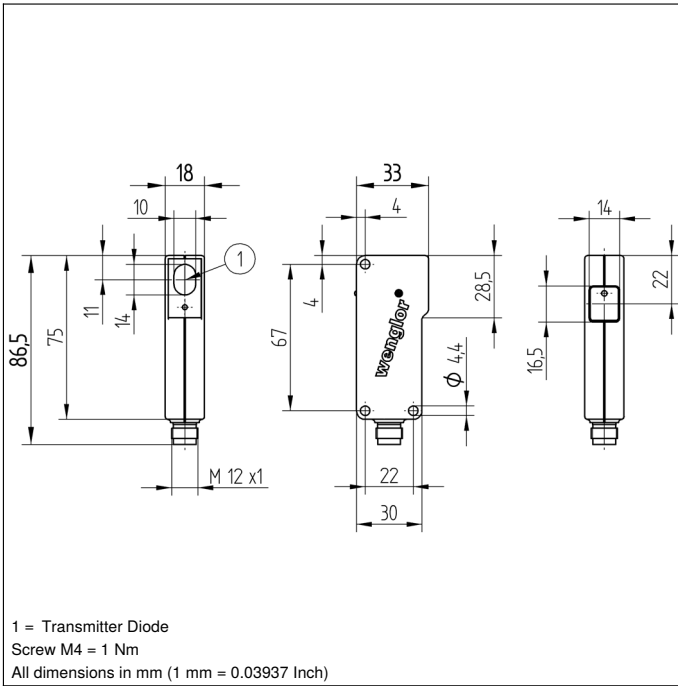
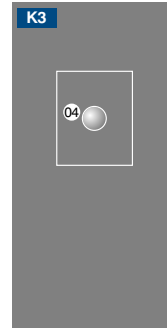
\* in combination with SS2-00VA000R2 or SS2-00VA000R3

These through-beam sensors are well suited for use in rough industrial environments. Together with the individual safety light barrier control unit SS2-00VA000Rx, access of machines can be safeguarded.



### Complementary Products

Path-Folding Mirror Z2UG001
Safety Analysis Module SS2-00VA000R2
Safety Analysis Module SS2-00VA000R3
Set Protective Housing ZSN-NN-02
Software


**Ctrl. Panel**


04 = Function Indicator

**Optic**
