

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
Wave Length	640 nm
Opening Angle	± 4 °
Electrical Data	
Sensor Type	Emitter
Supply Voltage	24 V DC
Current Consumption (U _b = 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 d
PFHd	3,16 × E-7 1/h *
Service Life 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 Technology No.	21
Suitable Mounting Technology No.	350

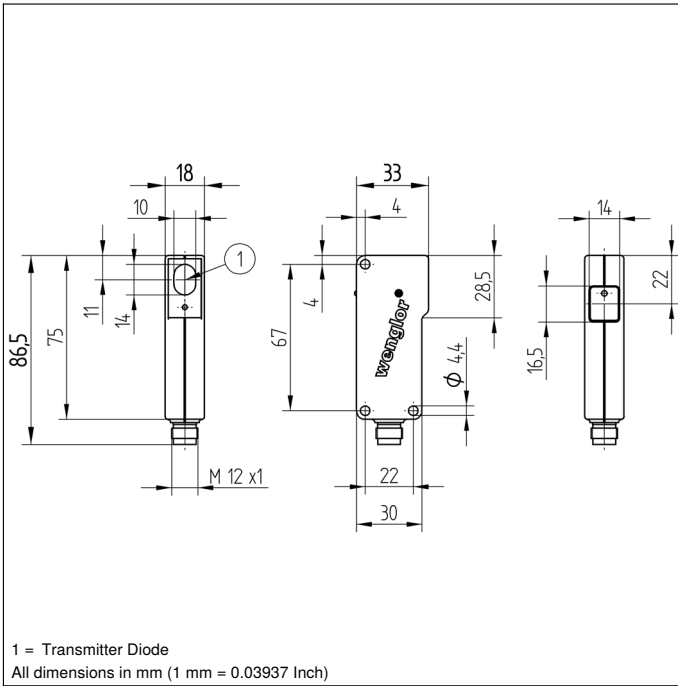
Suitable Receiver

SL2-00NE000H2

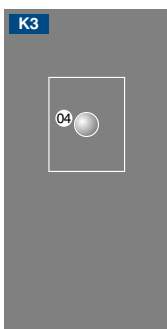
* in combination with SS2-00VA000R2 or SS2-00VA000R3

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.



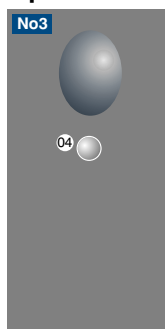


Ctrl. Panel



04 = Function Indicator

Optic



Complementary Products

Deflection Mirror Z2UG001

Individual Safety Light Barrier Control Unit SS2-00VA000R2

Individual Safety Light Barrier Control Unit SS2-00VA000R3

Protection Housing Set ZSN-NN-02