

Safety Through-Beam Sensor

SL2-00NE000H2

Part Number



- Glass lenses

Technical Data

Optical Data

Range	0...20 m
Switching Hysteresis	< 15 %
Light Source	Red Light
Max. Ambient Light	10000 Lux
Opening Angle	± 4 °

Electrical Data

Sensor Type	Receiver
Supply Voltage	24 V DC
Current Consumption (U _b = 24 V)	< 15 mA
Temperature Range	-25...60 °C
Switching Output Voltage Drop	< 1,5 V
PNP Switching Output/Switching Current	300 mA
Residual Current Switching Output	< 50 µA
Short Circuit and Overload Protection	yes
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 *
Service Life TM (EN ISO 13849-1)	20 a
MTTFd (EN ISO 13849-1)	381 a

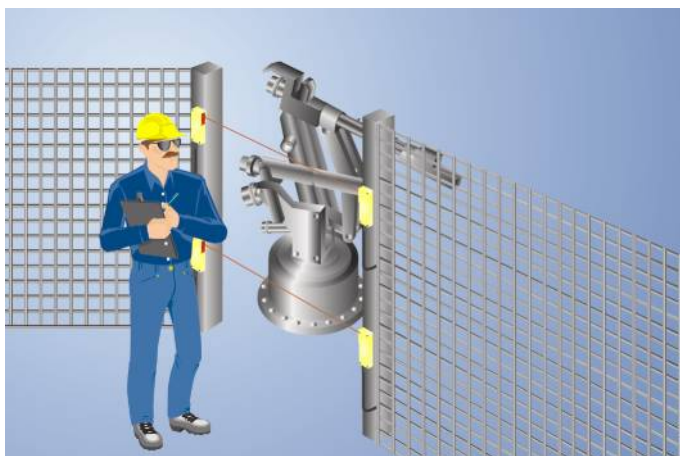
Connection Diagram No.	1021
Control Panel No.	N1 No1
Suitable Connection Technology No.	2
Suitable Mounting Technology No.	350

Suitable Emitter

SL2-00NS000H2

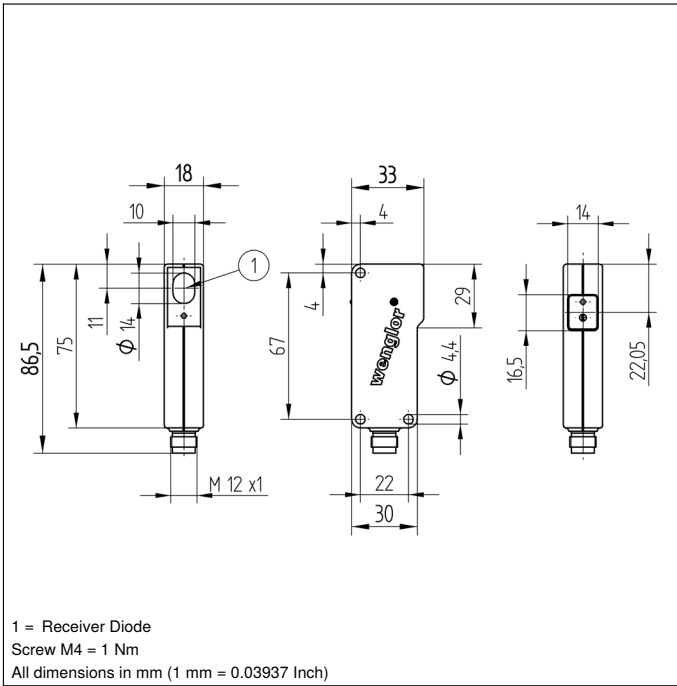
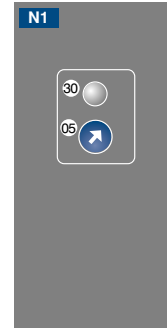
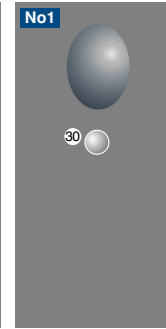
* in combination with SS2-00VA000R2 or SS2-00VA000R3

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

Optic


05 = Switching Distance Adjuster
 30 = Switching Status/Contamination Warning

