

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 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.	102
Control Panel No.	N1 No1
Suiting Connection Technology No.	2
Suiting Mounting Technology No.	350

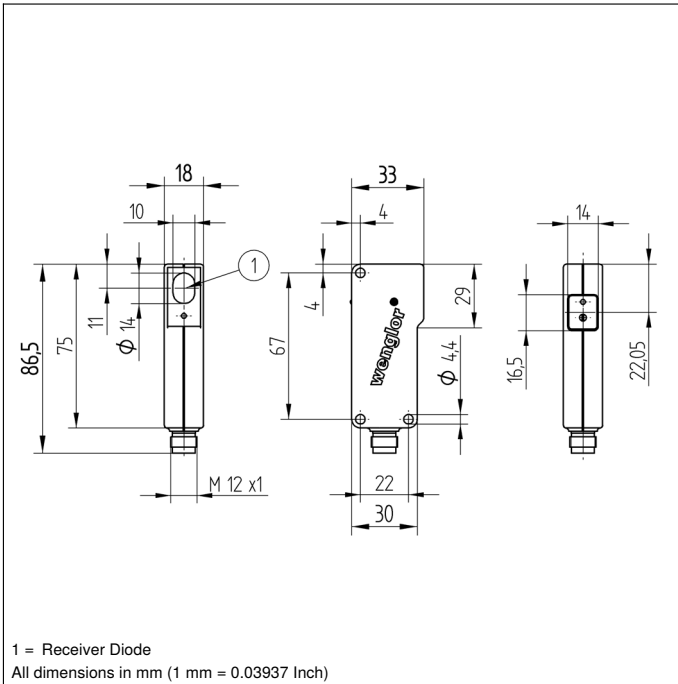
Suiting Emitter

SL2-00NS000H2

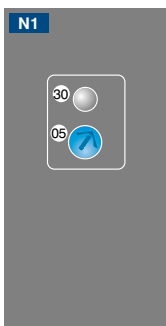
* in combination with SS2-00VA000R2 or SS2-00VA000R3

These Through Beam Sensors are well suited for use in rough industrial environments. Together with the Individual Safety Light Barrier Control UnitS SS2-00VA000Rx, access of machines can be safeguarded.

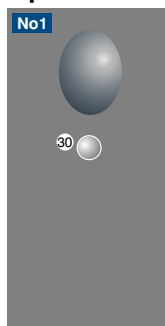




Ctrl.Panel



Optic



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

Complementary Products

Deflection Mirror SLU80V1

Individual Safety Light Barrier Control Unit SS2-00VA000R2

Individual Safety Light Barrier Control Unit SS2-00VA000R3

Protection Housing Set ZSN-NN-02