

Safety Through-Beam Sensor

Receiver

SL2-00NE000H2



- Glass lenses
- Please note: According to Machinery Directive 2006/42/EC, this article may only be used as a spare part.

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 Protection	yes
Overload Protection	yes
Reverse Polarity Protection	yes
Protection Class	III

Mechanical Data

Housing Material	Plastic, PBT
Optic Cover	Glass
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.	1021
Control Panel No.	N1 No1
Suitable Connection Equipment No.	2
Suitable Mounting Technology No.	350

Suitable Emitter

SL2-00NS000H2

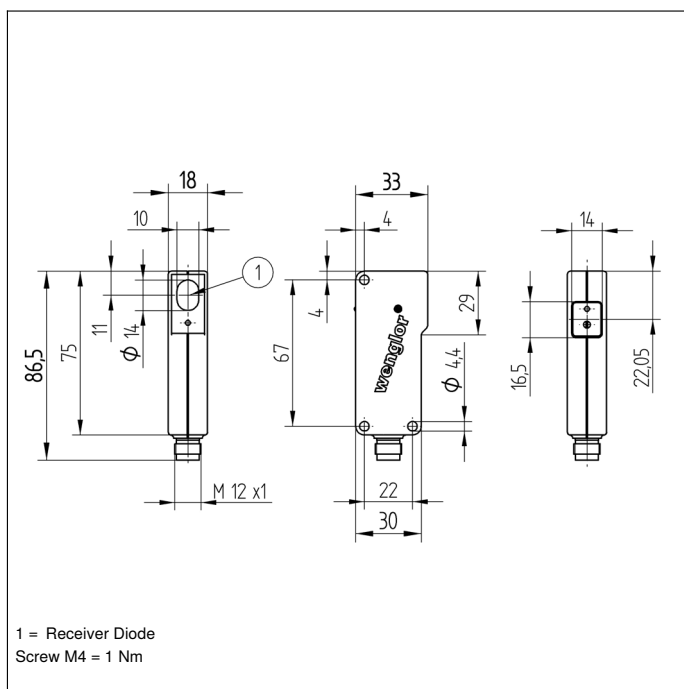
* In combination with SS2-00VA000R2 or SS2-00VA000R3

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.



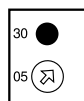
Complementary Products

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



Ctrl. Panel

N1



Optic

No1



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