

Safety Through-Beam Sensor

Emitter

S1NS002



- Compatible with SS2-00VA000R4 safety analysis module
- Quick alignment through visible red light
- Test input

These through-beam sensors are well suited for use in aggressive industrial environments. Secure machine access can be ensured in conjunction with the SS2-00VA000R4 safety analysis module.

Optical Data

Range	0,25...25 m
Light Source	Red Light
Wavelength	660 nm
Opening Angle	± 5 °

Electrical Data

Sensor Type	Emitter
Supply Voltage	19,2...28,8 V DC
Current Consumption (U _b = 24 V)	< 20 mA
Temperature Range	-30...60 °C
Storage temperature	-30...70 °C
Reverse Polarity Protection	yes
Protection Class	III

Mechanical Data

Housing Material	Plastic, ABS
Optic Cover	Plastic, PMMA
Degree of Protection	IP65
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.	A60
Suitable Connection Equipment No.	2
Suitable Mounting Technology No.	350

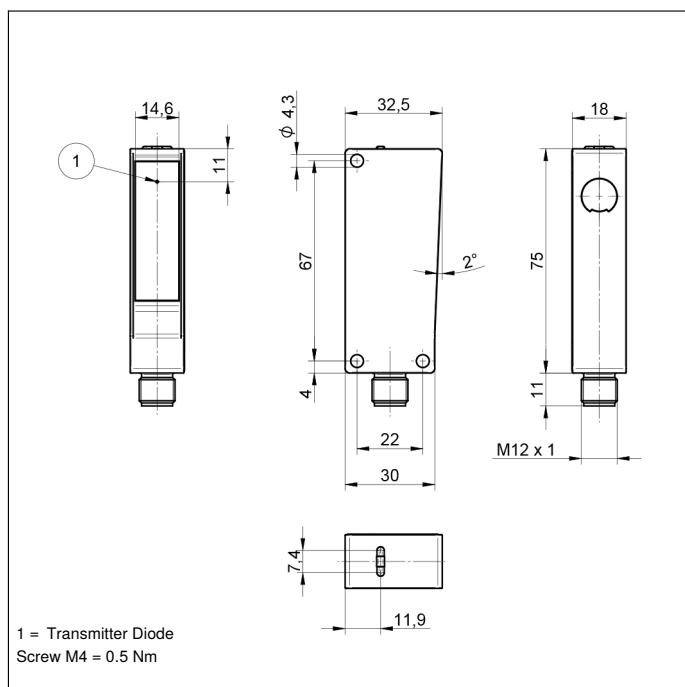
Suitable Receiver

S1NE002

* In combination with SS2-00VA000R4

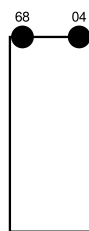
Complementary Products

Path-Folding Mirror Z2UG001
Set Protective Housing Z1NS001
Software
SS2-00VA000R4 safety analysis module



Ctrl. Panel

A60



04 = Function Indicator
68 = Power LED