

Safety Through-Beam Sensor

SL2-00NS000H3



- Compatible with safety control unit
- Glass lenses
- Please note: According to Machinery Directive 2006/42/EC, this article may only be used as a spare part.
- Quick alignment through visible red light
- Test input

Optical Data

Range	0...20 m
Light Source	Red Light
Wavelength	640 nm
Opening Angle	± 4 °

Electrical Data

Sensor Type	Emitter
Supply Voltage	19,2...28,8 V DC
Current Consumption (U _b = 24 V)	< 20 mA
Temperature Range	-25...60 °C
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*
Mission Time 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 Equipment No.	2
Suitable Mounting Technology No.	350

Suitable Receiver

SL2-00NE000H3

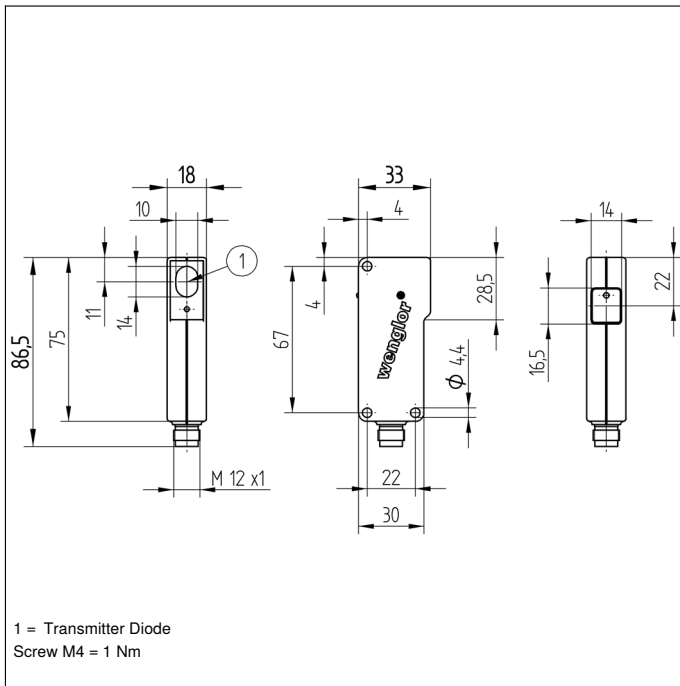
* in conjunction with suitable safety control unit

These through-beam sensors are well suited for use in rough industrial environments. Together with a suitable individual control unit, access of machines can be safeguarded.



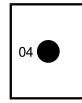
Complementary Products

Path-Folding Mirror Z2UG001
Set Protective Housing ZSN-NN-02
Software



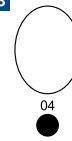
Ctrl. Panel

K3



Optic

No3



04 = Function Indicator

