

## Datasheet - SLB 400-E50-21P Transmitter

Safety light barriers / SLB 400



- NOTICE: Not available! (Replacement: SLB450)
- Range 15 m
- connector plug can be rotated

(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	SLB 400-E50-21P Sender
Article number	101138898
EAN Code	4030661281544
eCI@ss	27-27-27-01

### Approval

Approval

### Global Properties

Permanent light	SLB 400
Standards	IEC/EN 61496
Compliance with the Directives (Y/N)	Yes
Operating resource protection class	None
Safety type in accordance with IEC 61496-1	4
Materials	
- Material of the housings	Plastic
Weight	42
Range of the protection field	15.000
Min. object size	Ø 13
Reaction time	25 (Only in combination with safety monitoring module)
Wave length of the sensors	880

Angle of radiation	± 2 °
Restart block (Y/N)	Only in combination with safety monitoring module
Transmitter (Y/N)	Yes
Receiver (Y/N)	No
Monitoring function of downstream devices (Y/N)	Only in combination with safety monitoring module
Prerequisite evaluation unit	Only in combination with safety monitoring module
Recommended safety-monitoring module	SLB 400-C10-1R

## Mechanical data

Design of electrical connection	Connector M12
- Wiring of the transmitter	connector plug M12, 4-pole, can be rotated
Cable length	max. 100 m

## Ambient conditions

Ambient temperature	
- Min. environmental temperature	0
- Max. environmental temperature	+60
Storage and transport temperature	
- Min. Storage and transport temperature	-20
- Max. Storage and transport temperature	+80
Protection class	IP67 to IEC/EN 60529

## Interface

Design of interface for security oriented communications.	None
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## Electrical data

Voltage type	Only in combination with safety monitoring module SLB 400-C
Switching voltage of the OSSD in high state	Only in combination with safety monitoring module SLB 400-C
Rated operating voltage U <sub>e</sub>	Only in combination with safety monitoring module SLB 400-C

## Outputs

Design of control output	Only in combination with safety monitoring module SLB 400-C
Max. output current at secured output	Only in combination with safety monitoring module SLB 400-C

## Electrical data - Safety outputs

Number of secure semi-conductor outputs	Only in combination with safety monitoring module SLB 400-C
Number of secure outputs with contact	Only in combination with safety monitoring module SLB 400-C

## Electrical data - Diagnostic output

Number of semi-conductor outputs with signaling function	Only in combination with safety monitoring module SLB 400-C
Number of outputs with signaling function that already have a contact	Only in combination with safety monitoring module SLB 400-C

## LED switching conditions display

LED switching conditions display (Y/N)	Yes
LED switching conditions display	

- The integrated LEDs indicate the following operating states.
- Supply voltage  $U_B$
- soiling
- switching condition

### ATEX

Explosion protection categories for gases	None
Explosion protected category for dusts	None

### Dimensions

Dimensions of the sensor	
- Width of sensor	17
- Height of sensor	50
- Length of sensor	63.5

### Ordering code

SLB 400- <b>(1)</b> 50-21P	
<b>(1)</b>	
E/R	Transmitter / Receiver

### Documents

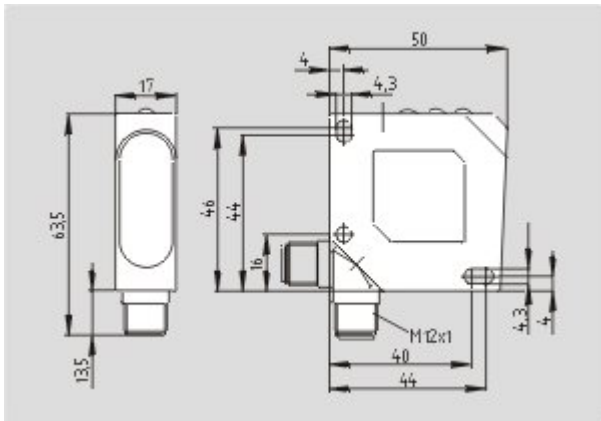
**Mounting and wiring instructions** (de, en, fr, it) 90 kB, 16.08.2001  
 Code: m\_lb4p02

**BG-test certificate** (de) 1 MB, 07.03.2007  
 Code: z\_lb4p01

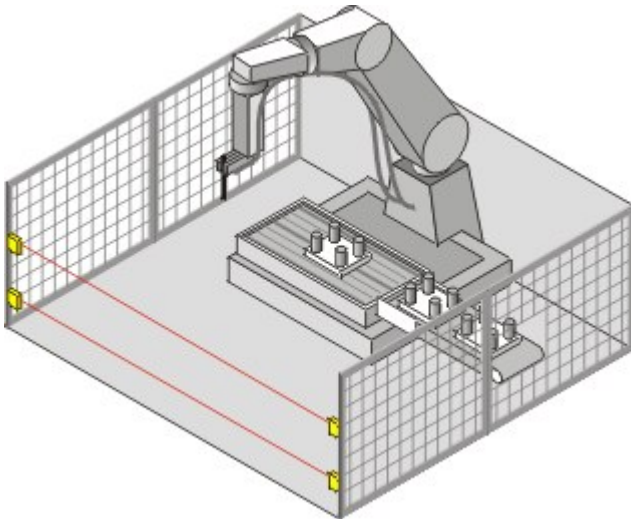
### Images



Product photo



Dimensional drawing (basic component)



Application

## System components

### Connector



#### A-K4M12

- Pre-wired cable
- 4-pole

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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