

Model Number

SLC30-450/151

with 2 separate fail-safe semiconductor outputs

Features

- Sensing range up to 15 m
- Resolution 30 mm (hand protection)
- Self-monitoring (type 4 according to IEC/EN 61496-1)
- Master/Slave detection, Plug and Play
- Start/Restart disable
- Protection degree IP67
- Integrated function display
- Pre-fault indication
- Optional with relay monitor (Option
- · Connection via appliance socket M12 x b1
- Safety outputs OSSD in potential-separated semiconductor version
- Protective field height up to 1800 mm

Pinout

Emitter

3

+UB

n.c.

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Electrical connection

Receiver

2

3

5

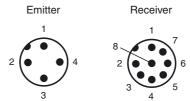
-Readv +UB

Test (/129 RM)

OSSD1 OSSD2

0 V

-Shield



Accessories

PG SLC-450

Protective glass panes for SLC series

fa-info@us.pepperl-fuchs.com

laser alignment aid for safety light cutrtains series SLC

www.pepperl-fuchs.com

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Compliance with standards and directi-

Directive conformity

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Machinery Directive 2006/42/EC EN ISO 13849-1:2008 EN 61496-1:2004/A1:2008

EMC Directive 2004/108/EC EN 61000-6-4:2007 + A1:2011

Standard conformity

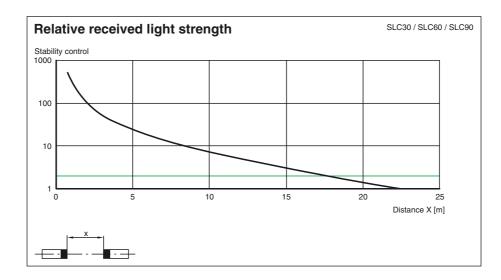
Standards IEC 61496-2:2006 EN 50178:1997

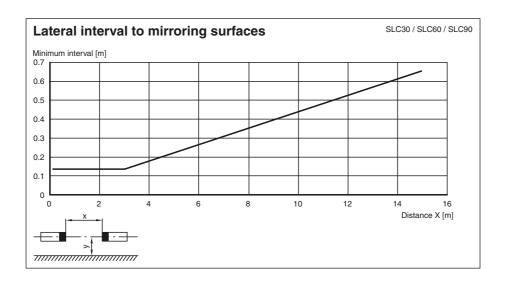
Approvals and certificates

CE conformity CE **UL** approval cULus Listed

Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval. CCC approval

TÜV approval





Germany: +49 621 776-4411 fa-info@pepperl-fuchs.com

Notes

Master slave mode

SLC..-... (semiconductor)

SLC ..-../31 (relay)

Slave: SLC..-...-S

Using slaves makes it possible to lengthen protective fields or to form protective fields that lie in more than just one level. When you select slaves that can be connected, you should take into consideration that the maximum number of 96 light rays must not be exceeded.

There are slaves for transmitters and receivers. These may simply be connected to the master light curtain. As many as 2 slaves may be connected respectively to the transmitter and receiver unit.

Installation:

- The end cap should be screwed off for the light curtain (without cable gland). 1
- 2 The plug-in jumper on the connectors of the printed circuit board, which is now visible, should be removed.
- The slave is designed so that the cap located on the cable connector can be plugged directly onto the open end of the light curtain with the printed circuit board.
- After you have screwed on the connection cap, the system is complete.

System accessories

- Mounting set SLC
- Test rods SLC14/SLC30/SLC60
- Protective glass pieces for SLC (to protect the optically functional surface)
- Lateral screwed connection SLC
- Profile alignment aid
- Laser alignment aid SLC
- Mirror for SLC (for securing hazardous areas on multiple sides)
- Ground pillar UC SLP/SLC
- Housing for pillar Enclosure UC SLP/SLC
- Collision protector Damping UC SLP/SLC

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