



America

CERTIFICATE

No. U8V 020068 0085 Rev. 00

Holder of Certificate: **Pepperl+Fuchs AG**
 Lilienthalstraße 200
 68307 Mannheim
 GERMANY

Certification Mark:



Product: **Safety Light Curtain
 (Safety Light Grids)**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 028-713162615-000

Date, 2019-08-01

(Martin Heinrich)



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Model(s):

SLPvv-x-ey
SLPCvv-x-eyz
SLPCCvv-x-eyz
SLPCMvv-x-y-ebz
SLPC8-2-abe-z,SLPCC8-2-abe-z, SLPCM8-2-abe-z, SLP8-2-abe
SLP-d-M
(See attachment for detail model description)

Tested according to:

UL 508:1999/R:2013-10
CAN/CSA-C22.2 No. 14-13:2013-03

Production Facility(ies):

063390, 104943

Parameters:

Rated Input voltage: 24 VDC (-15% / +25%)
Rated Input current: 250 mA
Protection Class: III

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Attachment

Nomenclature:

Model Description	Model Name
Basic Model	SLPvv-x-eyf
Integrated Controller	SLPCvv-x-eyz
With Customer-specific configuration	SLPCCvv-x-eyz
With integrated Muting	SLPCMvv-x-y-ebz
Transceiver/Receiver Units and Mirror Units	SLPC8-2-abe-z,SLPCC8-2-abe-z, SLPCM8-2-abe-z, SLP8-2-abe
Adjustable Mirror Units	SLP-d-M

Where:

- a: Type of device (A=transceiver and Receiver; M=mirror unit; or blank=complete unit)
- b: Presence of integrating muting light (blank= no integrating muting light included; L= with integrated muting light)
- d: Number of beam mirrors (2, 3, 4, 6 or 8)
- e: Special Device Variant (4 digits = variant ;2464 = variant with different beam position; followed beam position in brackets;3469 = variant with customer-specific configuration, 3902= variant pin assignment front-panel; or blank no variant)
- f: Option (/60= special connector; blank=no option)
- vv: Detection range (10,30 or 65 meters);
- x: Number of protective beams (2, 3, 4, 6 or 8)
- y: Type of device (R=receiver; T=transmitter; or, blank=complete unit)
- z: Type of OSSD (blank=semiconductor OSSD; /31=relay OSSD)

Conditions of acceptability:

When installed in the end use equipment, the following are among the considerations to be made:

1. An approved "NEC Class 2 Power Supply" must be used with this equipment.
2. If the device is to be installed in French spoken areas, a French "Operation Instruction" shall be delivered.
3. Installation and use shall be according operation instructions
4. Functional safety was not part of this investigation. Only electrical safety has been investigated during this assessment.

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