ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

America

C E R T I F I C A T E

No. U8 037847 0027 Rev. 00

Holder of Certificate: **SICK AG**
Gisela-Sick-Str. 1
79276 Reute
GERMANY

Certification Mark:

Product: **Control Equipment**

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.: 713220949

Date, 2022-02-10

(Benedikt Pulver)

TÜV SÜD America, Inc. • 401 Edgewater Place Suite #500 • Wakefield • MA 01880 • USA

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America

C E R T I F I C A T E

No. U8 037847 0027 Rev. 00

Model(s): **Dx35x– xxxuxxxxx**
See Parameters for further Information

Brand Name: **SICK**

Tested according to:
UL 61010-1:2012/R:2019-07
CSA C22.2 No. 61010-1:2012/A1:2018-11
CSA E60825-1:2015

Parameters:

	Dx35x– xxxuxxxxx
Rated Voltage:	10 V DC … 30 V DC
Rated Power consumption:	max. 5 W
Protection Class:	III

Laser Rating				
Version	Dx35x– xxx1xxxxx Dx35x– xxx2xxxxx Dx35x– xxx3xxxxx	Dx35x– xxx4xxxxx - Dx35x– xxx9xxxxx		
Laser Class	2	1		
Wavelength	655 nm / 785 nm	655 nm / 658 nm	780 nm / 785 nm	827 nm
Output power	1 mW	0.39 mW	0.56 mW	0.69 mW

Dx35x– xxxuxxxxx

"x" can be any Number, Letter or blank and defines non-safety relevant options like output, type of receiver, measurement range etc.
"u" can be any Number between 0 and 9 and defines the following features
0 = Special
1-3 = Laser Class 2
4-9 = Laser Class 1

Condition of acceptability

This equipment is for indoor and outdoor use in non-hazardous locations, operated by qualified personnel skilled in its use.
The equipment must be powered via certified SELV Power Supply
An external Fuse with following characteristic is required: max. 4A DC

Technical Considerations

The equipment under test was tested for use at the maximum ambient temperature permitted by the manufacturer´s specification of: 55 °C
The operation altitude of the equipment is specified for 2000 m.

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