



CERTIFICATE

No. Z10 08 07 51847 011

Holder of Certificate: **K.A. Schmersal GmbH**
Indus.Sicherheitssysteme

Möddinghofe 30
42279 Wuppertal
GERMANY

Factory(ies): 24820

Certification Mark:



Product: **Electro-Sensitive Protective Equipment**
Safety Light Curtain (Type 4)

Model(s): **SLC 410-x xxxx- xx-xx,**
SLC 410-x xxxx- xx-RFx,
SLC 410-x xxxx- xx-Bx,
SLC 410-x 0xxx-0x-12-x,
SLC 410-x 0xxx-0x-12-RFx,
For nomenclature see attachment

Parameters:

Operating temperature:	0°C - 55°C
Power supply:	24 VDC ± 20%
Power consumption:	max. 2W (Emitter) max. 3W (Receiver)
Protection class:	IP65
Output:	pnp, max 500 mA
Scanning Range:	0-18m
Resolution / beam spacing:	see attachment

Tested according to:

- 98/37/EEC Machinery Directive
- EN 50178:1997
- EN 60204-1:1997, (as applicable)
- EN 61496-1:1997
- prEN 61496-2:1997
- EN 55022:1998
- EN 61000-6-1:2001

The listed product was tested on a voluntary basis and complies with the relating standards or directives. The certification mark shown above can be affixed on the product. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: 10056950

Date, 2008-08-07

Main-Certificate no.: Z10 05 01 24820 013



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Attachment to certificate Z10 08 07 51847 011

Nomenclature of Product type

SLC 410-x xxxx- xx-xx

(A) (B) (C) (D)

(A)	(B)	(C)	(D)
E (Emitter)	0160 only C=14, 20, 30	14 (resolution 14 mm)	12
R (Receiver)	0310	20 (resolution 20 mm)	RF
	0460	30 (resolution 30 mm)	
	0610	40 (resolution 40 mm)	
	0760	50 (resolution 50 mm)	
	0910	90 (resolution 90 mm)	
	1060		
	1210		
	1360		
	1510		
	1660		
	1810		

SLC 410-x xxxx- xx-RFx

(A) (B) (C) (D)

(A)	(B)	(C)	(D)
E (Emitter)	0160 only D=S, not C=14, 50	14 (resolution 14 mm)	M
R (Receiver)	0310	20 (resolution 20 mm)	S
	0460	30 (resolution 30 mm)	
	0610	40 (resolution 40 mm)	
	0760	50 (resolution 50 mm)	
	0910		
	1060		
	1210		
	1510		



SLC 410-x xxxx- xx-Bx

(A) (B) (C) (D)

(A)	(B)	(C)	(D)
E (Emitter)	0160 only C=14, 20 not D=M	14 (resolution 14 mm)	Blank
R (Receiver)	0310 only C=14, 20	20 (resolution 20 mm)	M
	0460 only C=14, 20	90 (resolution 90 mm) not D=M	
	0610		
	0760		
	0910		
	1060		
	1210		
	1360		
	1510		
	1660 not D=M		
	1810 not D=M		

SLG 410-x 0xxx-0x-12-x

(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	500-02	Blank
R (Receiver)	800-03	RF
	900-04	

SLG 410-x 0xxx-0x-12-RFx

(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	500-02	M
R (Receiver)	800-03	S

Department: TR-RAMUC
Date: 2008-08-07