



CERTIFICATE

No. Z10 12 02 13332 136

Holder of Certificate: IDEC CORPORATION
1-7-31 Nishimiyahara, Yodogawa-Ku
Osaka
532-8550 JAPAN

Factory(ies): 22943, 47710, 19003

Certification Mark:



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

Model(s): SE4D-H xx x
For nomenclature see attachment

Parameters:

Supply voltage:	24VDC (±10%)
Response time:	14ms
Ambient temperature:	-10°C to +55°C
Input current:	max. 320mA
OSSD (PNP/NPN):	max. 200mA
Degree of protection:	IP65 / IP67

Tested according to:

- 2006/42/EC
- IEC 61496-1:2004 Type 4
- EN 61496-1:2004 Type 4
- IEC 61496-2:2006 Type 4
- IEC 61508-1:1998 SIL 1-3
- IEC 61508-2:2000 SIL 1-3
- IEC 61508-3:1998 SIL 1-3
- IEC 61508-4:1998 SIL 1-3
- ISO 13849-1:2006 Cat. 4, PL e
- EN ISO 13849-1:2008 Cat. 4, PL e
- EN 50178:1997
- EN 55011/A2:2007
- EN 61000-6-2:2005

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: SU82717T
Valid until: 2016-03-17

Date, 2012-03-01

(Alfred Beer)

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Attachment to the certificate Z10 12 02 13332 136

Nomenclature of product type

SE4D-H xx x
 (I) (II)

(I) Number of beam axes

H Type: 12,16,20,24,28,32,36,40,48,56,64,72,80,88,96

(II) Device type
 E Emitter
 D Receiver