



Product Service

# CERTIFICATE

No. Z10 16 07 20203 005

**Holder of Certificate:** **Balluff GmbH**  
Schurwaldstr. 9  
73765 Neuhausen  
GERMANY

**Factory(ies):** 70800, 96012

**Certification Mark:**



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

**Model(s):** **BLG 4A - Series**  
**For nomenclature see attachment**

**Parameters:**

Supply Voltage:	24 ±20% Vdc
Resolution:	14mm, 30mm or 2, 3, 4 beams
Protection class:	IP65

**Tested according to:**

- 2006/42/EC
- EN 61496-1:2013
- EN 61496-2:2013
- EN ISO 13849-1:2015 (Cat.4, PL e)
- EN 61508-1:2010 (SIL3)
- EN 61508-2:2010 (SIL3)
- EN 61508-3:2010 (SIL3)
- EN 61508-4:2010 (SIL3)
- EN 62061:2005/A2:2015 (SIL CL3)

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.:** DM82444T

**Valid until:** 2021-07-04

**Date,** 2016-07-26 ( Peter Weiss )

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**ATTACHMENT TO CERTIFICATE****No. Z10 16 07 20203 005****Nomenclature of BLG 4A****Finger- and Hand-Protection****BLG 4A - xxx - xxx - xxx - 001- SX****(A) (B) (C) (D) (E)**

(A) Series

(B) Type

4A: Type 4

(C) Height (in cm):

015 to 180 in steps of 15 cm

(D) Range:

600: 6m (only E = 014)

19X: 19m (only E = 030)

(E) Resolution (in cm):

014: 14mm

030: 30mm



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**ATTACHMENT TO CERTIFICATE**  
**No. Z10 16 07 20203 005**

**Body-Protection**

**BLG 4A - xxx - xxx - xxx - O01- SX**  
**(A) (B) (C) (D) (E)**

(A) Series

(B) Type

4A: Type 4

(C) Height (in cm):

050: 50cm

080: 80cm

090: 90cm

120: 120cm

(D) Range:

50X: max. 50m

(E) Resolution (in cm):

B02: 515 mm

B03: 415 mm

B04: 315 mm (only C = 090)

B04: 415 mm (only C= 120)