

EC Type-Examination Certificate



Reg.-No.: 01/205/5476.00/15

Product tested	Active Opto-electronic Protective Device (AOPD Type 4), Safety Light Curtain in standard (SLL) and cascable (SLLC) versions	Certificate holder	Banner Engineering Corp. 9714 Tenth Avenue North Minneapolis, MN 55441 USA
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Type designation	SLL (v) (w) (x) - (y) (z) with (v)= Type: C: cascable or blank: stand-alone; (w)= Order Option: E:Emitter, R:Receiver, P:Pair; (x)= Resolution in mm: 14, 23, 40; (y)= Length of detection zone in mm: 280, 350, ..., 1820 (z)= Connector options: blank, P5, P55, P8, P88
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Codes and standards	IEC 61496-1:2012 + Corr. 1:2015 IEC 61496-2:2013 EN ISO 13849-1:2008 + AC:2009 IEC 62061:2015	IEC 61508 Parts 1-7:2010 EN 50178:1997 IEC 60204-1:2009 (in extracts)
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Intended application	Safeguarding at machines and other hazardous applications. The AOPD complies with the requirements of the relevant standards (Type 4 acc. to IEC 61496-1/-2, Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to IEC 62061 / IEC 61508) and can be used in applications up to PL e and SIL 3.
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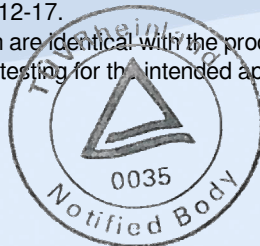
Specific requirements	The provisions defined in the User Manual shall be considered.
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It is confirmed, that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2020-12-17

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1191.00/15 dated 2015-12-17.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.



Berlin, 2015-12-17

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno