

# EC Type-Examination Certificate



**Reg.-No.: 01/205/5476.02/19**

<b>Product tested</b>	Active Opto-electronic Protective Device (AOPD Type 4), Safety Light Curtain	<b>Certificate holder</b>	Banner Engineering Corp. 9714 Tenth Avenue North Minneapolis, MN 55441 USA
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<b>Type designation</b>	EZ-SCREEN® LS SLL or SLLV (v) (w) (x) - (y) (z)- (za) where: (v)= Type: C: cascadable or blank: stand-alone; (w)= Order Options: E:Emitter, R:Receiver, P:Pair; (x)= Resolution in mm: 14, 23, 40; (for SLL/SLLV); (y)= Length of detection zone in mm: 280, 350, ..., 1820 (for SLL/SLLV); (z)= Connector options: blank, P5, P55, P8, P88 (for SLL) - blank (for SLLV) (za)= Special non-construction related, non-safety related configurations: Up to seven alphanumeric characters		
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<b>Codes and standards</b>	IEC 61496-1:2012 + Corr. 1:2015 IEC 61496-2:2013 EN ISO 13849-1:2015	IEC 62061:2005 + A1:2012 + A2:2015 IEC 61508 Parts 1-7:2010 IEC 60204-1:2016 (in extracts)
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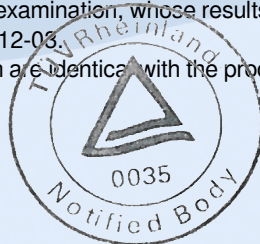
<b>Intended application</b>	Safeguarding at machines and other hazardous applications. The AOPD complies with the requirements of the relevant standards (Type 4 acc. to IEC 61496-1/-2, Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 / SIL 3 acc. to IEC 62061 / IEC 61508) and can be used in applications up to PL e and SIL 3.
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<b>Specific requirements</b>	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 2023-01-09

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1191.03/19 dated 2019-12-03.  
This certificate is valid only for products which are identical with the product tested.



Köln, 2019-12-03

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno