

EC Type-Examination Certificate



Reg.-No.: 01/205/5898.00/22

Product tested	Active Opto-electronic Protective Device (AOPD Type 2), Safety Light Curtain	Certificate holder	Banner Engineering Corp. 9714 Tenth Avenue North Minneapolis, MN 55441 USA
Type designation	S2B1(w)30-(x)B-(y)-(z) w= Order Options (E:Emitter, R:Receiver, P:Pair) x= Length of detection zone in mm:150, 300, ... 1800,2025, 2325, 2500 y= Termination: S:Stick only, P6P:RD to 6-pin M8 pigtail QD, P4P:RD to 4-pin M8 pigtail QD z= Special non construction, non safety related configuration: up to 7 alphanumeric characters		
Codes and standards	EN IEC 61496-1:2020 EN IEC 61496-2:2020	EN ISO 13849-1:2015 EN 61508 Parts 1-7:2010	
Intended application	Safeguarding at machines and other hazardous applications. The AOPD complies with the requirements of the relevant standards (Type 2 acc. to EN IEC 61496-1/-2, PL c / Cat. 2 acc. to EN ISO 13849-1, and SIL 1 acc. to EN 61508) and can be used in applications up to PL c and SIL 1. It can also be used in the application area of EN 60204-1.		
Specific requirements	The device incorporates a specific 1 kHz safety output and a test input. It shall be connected to an external device performing diagnostics. The provisions defined in the user manual shall be considered.		

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.

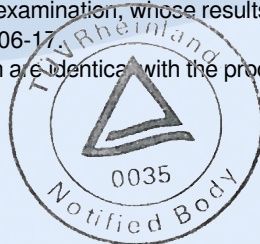
Valid until 2027-06-22

The issue of this certificate is based upon an examination, whose results are documented in

Report No. 968/FSP 2440.00/22 dated 2022-06-17

This certificate is valid only for products which are identical with the product tested.

Köln, 2022-06-22



Notified Body for Machinery, NB 0035

Dipl.-Ing. Jelena Stenzel