

# EC Type-Examination Certificate



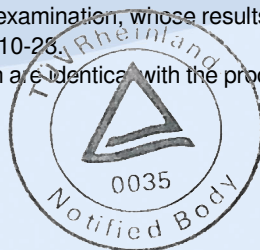
**Reg.-No.: 01/205/5796.00/20**

<b>Product tested</b>	In Series Diagnostic (ISD) Connect modules	<b>Certificate holder</b>	Banner Engineering Corp. 9714 Tenth Avenue North Minneapolis, MN 55441 USA
<b>Type designation</b>	SSA-ISD-TCx (where "x" specifies the connection hookup of the Input Device)		
<b>Codes and standards</b>	EN ISO 13849-1:2015 IEC 61508 Parts 1-7:2010 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015		
<b>Intended application</b>	Provide safety monitoring and non-safety diagnostics of connected devices. The ISD Connect monitors the input from a device and from the ISD series input to provide two solid-state OSSDs (Safety Outputs) and diagnostic information to the next ISD compatible device. The devices comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3, SIL 3 acc. to EN 62061 (IEC 62061:2005 + A1:2012 + A2:2015) / IEC 61508) and can be used in applications up to PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 (IEC 62061:2005 + A1:2012 + A2:2015) / IEC 61508.		
<b>Specific requirements</b>	The instructions of the associated Installation, Operating and Safety Manual shall be considered.		

It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2025-11-04

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2115.00/20 dated 2020-10-23.  
This certificate is valid only for products which are identical with the product tested.



Köln, 2020-11-04

Notified Body for Machinery, NB 0035

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