

EC Type-Examination Certificate



Reg.-No.: 01/205/5566.00/17

Product tested	Safety Control Modules	Certificate holder	Banner Engineering Corp. 9714 Tenth Avenue North Minneapolis, MN 55441 USA
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Type designation	AT-FM-10K Two-Hand Safety Control Module, GM-FA-10J-x Gate Monitoring Safety Control Modules
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Codes and standards	EN 574:1996 + A1:2008 ISO 13851:2002 IEC 60947-5-3:2013 ISO 13849-1:2015	IEC 62061:2015 + AC:2015 IEC 61508 Parts 1-7:2010 IEC 60204-1:2016 (in extracts)
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Intended application	The Safety Control Modules are intended to be part of safety related control systems of machines, where the safe state is the de-energized state. In combination with self-checking touch buttons (STB) or hard contacts the AT-FM-10K can be used as Type IIIC 2-hand control module acc. to EN 574/ISO 13851 in applications up to Cat. 4/PL e and SIL 3. If connected to suitable interlock switches the GM-FA-10J-x modules comply with PDDDB acc. IEC 60947-5-3 and can be used in guard position monitoring applications up to Cat. 4/PL e and SIL 3.
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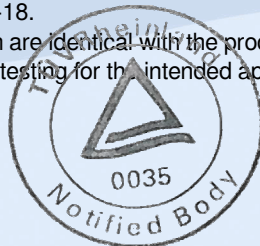
Specific requirements	The instructions of the associated Installation, Operating and Safety Manual shall be considered.
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It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2022-07-18

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 349.01/17 dated 2017-07-18.

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, 2017-07-18

Notified Body for Machinery, NB 0035

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