

EC Type-Examination Certificate



Reg.-No.: 01/205/5566.01/22

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 Gate Monitoring Safety Control Modules
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Codes and standards	EN ISO 13851:2019 EN 60947-5-3:2013	EN ISO 13849-1:2015 EN 61508 Parts 1-7:2010
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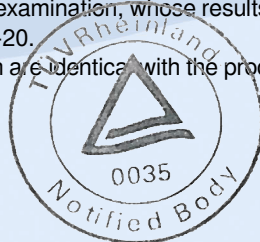
Intended application	<p>The Safety Control Modules are intended to be part of safety related control systems of machines, where the safe state is the de-energized state. In combination with self-checking touch buttons (STB) or hard contacts the AT-FM-10K can be used as Type IIIC 2-hand control module acc. to EN ISO 13851 in applications up to PLe / Cat. 4 e and SIL 3. If connected to suitable interlock switches, the GM-FA-10J-x modules comply with PDDDB acc. to IEC 60947-5-3 and can be used in guard position monitoring applications up to PLe / Cat. 4 and SIL 3.</p> <p>The AT-FM-10K and GM-FA-10J-x are suitable for use in the application area of EN IEC 62061:2021 up to SIL 3.</p>
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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 2027-09-28

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 349.02/22 dated 2022-09-20.
This certificate is valid only for products which are identical with the product tested.



Köln, 2022-09-28

Notified Body for Machinery, NB 0035

Jelena Stenzel
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