

Certificate



Functional
Safety

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ID 0600000000

No.: 968/FSP 1125.01/26

Product tested	Safety Function "Safe Torque Off" within the FlexPro Performance Servo Drives	Certificate holder	Advanced Motion Controls 3805 Calle Tecate Camarillo, CA 93012 USA
Type designation	see second page		
Codes and standards	EN 61800-5-2:2017 EN 61800-5-1:2007 + A1:2017 + A11:2021, 4.3, 5.2.3.8, 5.2.6 EN IEC 61800-3:2018	EN ISO 13849-1:2015 EN IEC 62061:2021 IEC 61508 Parts 1-7:2010	
Intended application	The safety function "Safe Torque Off" (STO) complies with the requirements of the relevant standards (PL e / Cat. 4 acc. to EN ISO 13849-1, SIL 3 acc. to EN 61800-5-2 / IEC 61508, and maximum SIL 3 acc. to EN IEC 62061), and can be used in applications up to PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN IEC 62061 / IEC 61508.		
Specific requirements	The instructions of the associated Installation and Operating Manuals shall be considered.		

Summary of test results see back side of this certificate.

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 1124.01/26 dated 2025-07-28. This certificate is valid only for products, which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH

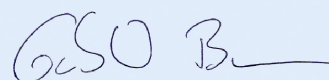
Bereich Automation

Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2025-08-11

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer

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Precisely Right.

Below identifies the product variants in which the Digiflex STO circuit is incorporated as part of the drive model:

Drive Series

FM3XSYMXXY

XX – Alpha-Numeric Code for customer specific applications

Y – Revision

Drive Series

Example: FM060-025EMB-XXX

Structure:

F E 060 - 25 - EM X Y
1 2 3 4 5 6 7

1. Drive Series

F – FlexPro

2. Form Factor

E – FlexPro Embedded

M – FlexPro Machine Mounted (with mounting Card)

MP – FlexPro Panel Mount

3. Maximum DC Bus Voltage

060 - 50 V DC

100 – 90 V DC

4. Continuous Current

* 1-25A
25 – 25A
50 – 50A
60C – 60A
100 – 100A

5. Network Communication

C – CAN Open

E - EtherCAT

R – RS232

IP – Ethernet/IP

P - Profinet

6. Feedback

M – Multi Encoder (BiSS, 5V Incremental)

R – Resolver

S – Sine/Cosine

7. Customer Specific Code

X – Revision

Y – Alpha-Numeric Code for customer specific applications