EC Type-Examination Certificate

Product Safety Functional Safety

TÜVRheinland®
CERTIFIED
www.tuv.com
ID 0600000000

Reg.-No.: 01/205/5610.03/24

Product tested	Safety-related Programmable Electronic System	**Certificate holder**	Schneider Electric 35 Rue Joseph Monier 92500 Rueil-Malmaison France

Type designation M580 Functional Safety Controller System, details see "Revision List"

Codes and standards

EN ISO 13849-1:2023
EN ISO 13849-2:2012
EN 61508 Parts 1-7:2010
IEC 61508 Parts 1-7:2010
EN 61131-2:2007
IEC 61131-2:2017
EN 61131-6:2012

IEC 61131-6:2012
EN 61326-3-1:2017
IEC 61326-3-1:2017
IEC 61000-6-7:2014
EN 61000-6-7:2015
EN 50130-4:2011 + A1:2014

Intended application

The M580 Functional Safety Controller System complies with the requirements of Cat.4/PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN / IEC 61508. Hence it is suitable for the use in applications up to PL e according to EN ISO 13849-1 and SIL 3 according to EN / IEC 61508.
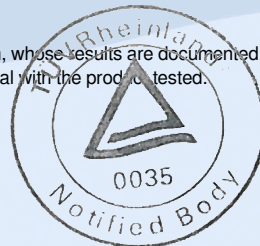
The product was also reviewed in reference to the applicable requirements of IEC 61511-1:2017 + A1:2017, EN 50156-1:2015, NFPA 85:2023, NFPA 86:2023, NFPA 72:2022, EN 298:2022 (7.6.2, 7.6.3 and 7.7.2.2), EN 54-2:1997 + AC:1999 + A1:2006, EN IEC 62061:2021 and can therefore be used in Process Control, Burner Management System (BMS), Fire and Gas, Emergency Shutdown System, where the safe state is the de-energized state and in applications up to SIL 3, where the demand state is the de-energized or energized state.

Specific requirements The instructions of the associated Safety Manual and user guide 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 2029-09-04

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1476.15/24 dated 2024-08-30. This certificate is valid only for products which are identical with the product tested.

Köln, 2024-09-04

Notified Body for Machinery, NB 0035

Sabine Wiegand
Dipl.-Ing. (FH) Sabine Wiegand

0035
Notified Body

www.fs-products.com
www.tuv.com

TÜVRheinland®
Precisely Right.

TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln / Germany
Tel.: +49 221 806-2434, Fax: +49 221 806-1354, E-Mail: industrie-service@de.tuv.com

10/222 12. 12 E A4 ® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.