

EC Type-Examination Certificate



Product Safety
Functional
Safety

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ID 060000000

Reg.-No.: 01/205/5431.03/21

Product tested Modular Electronic Safety System **Certificate holder** Wieland Electric GmbH
Brennerstr. 10 - 14
96052 Bamberg
Germany

Type designation samos@PRO-System (Approved Modules: see Revision List)

Codes and standards

EN ISO 13849-1:2015	EN 50178:1997
EN ISO 13849-2:2012	IEC 60204-1:2016 (in extracts)
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	EN 61131-2:2007 (in extracts)
IEC 61508 Parts 1-7:2010	EN 61131-6:2012
EN ISO 13851:2019	

Intended application The samos@PRO-System complies with the requirements of Cat. 4 / PL e acc. to EN ISO 13849-1, SILCL 3 / SIL 3 acc. to EN 62061, IEC 61508, EN 61131-6 and can be used in applications up to PL e and SIL 3
It can also be used in application acc. EN 61511-1:2017, EN 50156-1:2015, EN IEC 61496-1:2020, EN ISO 16092-1:2018, EN 81-20:2020 and EN 298:2012

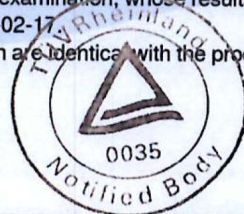
Specific requirements The instructions of the associated Installation and Operating Manuals and of the "Revision List" of the samosPRO-System shall be considered.

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

Valid until 2026-02-19

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1138.05/21 dated 2021-02-17
This certificate is valid only for products which are identical with the product tested.

Köln, 2021-02-19



Notified Body for Machinery, NB 0035

Jelena Stenzel

Dipl.-Ing. Jelena Stenzel

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1. Safety related Modules

Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-COP1 SP-COP2-EN SP-COP2-ENI	COMPACT-Modules	A-01	968/FSP 1138.00/15	Valid
		A-02	968/FSP 1138.01/16	Valid
		A-03.01	968/FSP 1138.01/16	Valid
		C-01.01	968/FSP 1138.01/16	Valid
		D-01.01	968/FSP 1138.01/16	Valid
		D-01.02	968/FSP 1138.01/16	Valid
		D-02.01	968/FSP 1138.03/19	Valid
		D-03.01	968/FSP 1138.03/19	Valid
		D-04.01	968/FSP 1138.03/19	Valid
		E-01.01	968/FSP 1138.03/19	Valid
		F-01.01	968/FSP 1138.03/19	Valid
		F-02.01	968/FSP 1138.03/19	Valid
		F-03.01	968/FSP 1138.04/20	Valid

Additional valid „Bauzustand“ according Report – No.: 968/FSP 1138.01/16:

SP-COP1: A-04.01
SP-COP2-EN: A-03.02 A-04.02
SP-COP2-ENI: A-03.02 B-01.01 B-02.01



Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-COP1-P SP-COP2-EN-P SP-COP2-ENI-P	COMPACT-Modules	D-01.01	968/FSP 1138.01/16	Valid
		D-01.02	968/FSP 1138.01/16	Valid
		D-02.01	968/FSP 1138.03/19	Valid
		D-03.01	968/FSP 1138.03/19	Valid
		D-04.01	968/FSP 1138.03/19	Valid
		E-01.01	968/FSP 1138.03/19	Valid
		F-01.01	968/FSP 1138.03/19	Valid
		G-02.01	968/FSP 1138.05/21	Valid

Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-COP1-M SP-COP2-EN-M SP-COP2-ENI-M	COMPACT-Modules	G-01.01	968/FSP 1138.05/21	Valid



Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-SDIO	Safety related Extension-Modules	B-03	968/EZ 309.10/14	Valid
		B-04	968/EZ 309.10/14	Valid
		B-05	968/FSP 1138.01/16	Valid
		B-06	968/FSP 1138.01/16	Valid
		B-07	968/FSP 1138.01/16	Valid
		B-08	968/FSP 1138.01/16	Valid
		B-09	968/FSP 1138.03/19 968/FSP 1138.05/21	Valid
SP-SDI	Safety related Extension-Modules	B-03	968/EZ 309.10/14	Valid
		B-04	968/EZ 309.10/14	Valid
		B-05	968/FSP 1138.01/16	Valid
		B-06	968/FSP 1138.01/16	Valid
		B-07	968/FSP 1138.01/16	Valid
		B-08	968/FSP 1138.01/16	Valid
		B-09	968/FSP 1138.03/19 968/FSP 1138.05/21	Valid

Restrictions of use:

SP-SDI; SP-SDIO: Must not be used in applications acc. EN 81-20 (lifts)



Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-SAR4 SP-SAC4 SP-SACR22	Analogue- Input modules	A-01	968/FSP 1138.02/19	Valid
SA-OR-S1 SA-OR-S2	Relay Output Module	D-02	968/FSP 1138.05/21	Valid
SD-Card	Application Memory	A-01	968/FSP 1138.00/15	Valid

Restrictions of use:

SP-SAR4, SP-SAC4, SP-SACR22, SA-OR-S1 and SA-OR-S2: Must not be used in applications acc. EN 81-20 (lifts)



2. Non-safety related (non-interfering) Modules

Type designation	Description	„Bauzustand“	Report – No.	Certification status
SP-DIO84	Non-Safety related Extension-Modules	A-01	968/FSP 1138.01/16	Valid
		A-02	968/FSP 1138.03/19	Valid
		A-03	968/FSP 1138.03/19	Valid
SP-PROFIBUS- DP	Profibus DP Gateway	A-02	968/FSP 1138.00/15	Valid
		A-03	968/FSP 1138.03/19	Valid
		A-04	968/FSP 1138.03/19	Valid
		A-05	968/FSP 1138.03/19	Valid
		A-06	968/FSP 1138.03/19	Valid
SP-CANopen	CANopen Gateway	A-01	968/FSP 1138.00/15	Valid
		A-02	968/FSP 1138.03/19	Valid
		A-04	968/FSP 1138.03/19	Valid
		A-06	968/FSP 1138.03/19	Valid
		A-07	968/FSP 1138.03/19	Valid
SP-EN-ETC	EtherCAT Gateway	A-01	968/FSP 1138.01/16	Valid
		A-02	968/FSP 1138.03/19	Valid
		A-03	968/FSP 1138.03/19	Valid

**3. Software tools**

Type designation	Description	Version ¹	Report – No.	Certification status
samosPLAN5+	Programming Tool	1.0.4	968/FSP 1138.00/15	Valid
		1.2.0	968/FSP 1138.01/16	Valid
		1.4.0	968/FSP 1138.01/16	Valid
samosPLAN6	Programming Tool	1.0.0	968/FSP 1138.02/19	Valid
		1.1.0	968/FSP 1138.02/19	Valid
		1.2.0	968/FSP 1138.02/19	Valid
		1.3.0	968/FSP 1138.02/19	Valid
		1.4.0	968/FSP 1138.05/21	Valid

4. User documentation

Document No.	Description	Report-No.:	Certification Status
BA000965	Handbuch samosPRO Hardware 07/19	968/FSP 1138.03/19	Valid
	Handbuch samosPRO Hardware 01/21	968/FSP 1138.05/21	Valid
BA000967	Handbuch samosPLAN 07/19	968/FSP 1138.03/19	Valid
	Handbuch samosPLAN 01/21	968/FSP 1138.05/21	Valid
BA000969	Handbuch samos® PRO COMPACT-Gateways 12/20	968/FSP 1138.05/21	Valid

¹ According to the manufacturer: Last digit of the version number of samosPLAN6 only contains non-safety related differences to the approved samosPLAN6 - version



The content of this Revision List has been agreed between Manufacturer and Certification Body.

Date	Version	Description / Changes	Author
2016-10-14	1.0	Initial creation, based on Report-No.: 968/FSP 1138.01/16	lie/A-FS
2019-09-30	2.0	New Module, improvements, new application fields ..., based on Report-No.: 968/FSP 1138.02/19 and 968/FSP 1138.03/19	lie/A-FS
2020-08-28	3.0	Modified input circuit based on Report-No.: 968/FSP 1138.04/20	lie/A-FS
2021-02-17	4.0	New variants G-01 and G-02, improved Motion Monitoring, improved Analog Monitoring, Relay Modules added based on Report-No.: 968/FSP 1138.05/21	lie/A-FS