Certificate

PROFIBUS Nutzerorganisation e.V. grants to

FRABA B.V.
Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10121** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP1_STD_PDEV_ST0013: OCD-ENCODER-ST0013; 0x00000300

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **December 12, 2023** the certificate is valid for life.

Karlsruhe, March 15, 2021

Board of PROFIBUS Nutzerorganisation e. V.

(Official in Charge)

(Karsten Schneider)

(Dr. Jörg Hähniche)

PROFI NET®

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

FRABA B.V.
Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10122** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP2_STD_PDEV_ST0016: OCD-ENCODER-ST0016; 0x00000301

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
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Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10123** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP3_STD_PDEV_MT1213: OCD-ENCODER-MT1213; 0x00000302

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑ Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑ Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
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Karlsruhe, March 15, 2021

Board of PROFIBUS Nutzerorganisation e. V.

(signature)

(Official in Charge)

(signature)

(Karsten Schneider)

PROFI NET®

(signature)

(Dr. Jörg Hähniche)

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

FRABA B.V.

Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10124** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP4_STD_PDEV_MT1216: OCD-ENCODER-MT1216; 0x00000303

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **December 12, 2023** the certificate is valid for life.

Karlsruhe, March 15, 2021

Board of PROFIBUS Nutzerorganisation e. V.

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(Official in Charge)

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(Dr. Jörg Hähniche)

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

FRABA B.V.
Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10125** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP5_STD_PDEV_MT1413: OCD-ENCODER-MT1413; 0x00000304

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **December 12, 2023** the certificate is valid for life.

Karlsruhe, March 15, 2021

Board of PROFIBUS Nutzerorganisation e. V.

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(Official in Charge)

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(Karsten Schneider)

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(Dr. Jörg Hähniche)

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

FRABA B.V.
Jan Campertstraat 11, 6416 SG Heerlen, The Netherlands

the Certificate No: **Z10126** for the PROFINET IO Device:

Model Name:	XCX-EIXXB-XXXX-XXXX
Revision:	3; SW/FW: V 10.6.15(/115); HW: 3
GSD:	GSDML-V2.2-POSITAL-XCX-20110801.xml
Identnumber:	0x0110; 0x0701
DAP:	DAP6_STD_PDEV_MT1416: OCD-ENCODER-MT1416; 0x00000305

This certificate confirms that the product has successfully passed the certification tests with the following PROFINET scope:

☑	Hardware	Auto_Negotiation, Auto_Polarity, Auto_Crossover
☑	Conformance Class B, C	RT_CLASS_1, RT_CLASS_2, RT_CLASS_3, RTA, LLDP, SNMP, MIB-II, LLDP-MIB

Test Report Number:	PN058-2, irt020-1
Authorized Test Laboratory:	SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:
"Test Specifications for PROFINET IO devices, Version 2.2.2 from Jan 2008", "Test Cases for PN-Tester for PROFINET IO devices, Version 2.2.2.14.18", "Test Specifications for PROFINET IO devices, Version V2.2.3 from September 2010", "PROFINET IO IRT Test Cases V2.2.3.1.1 from September 2010", "test system V2.2.2.14.18 with annex spirta 2.2.3.2.210". This certificate is granted according to the document:
"Framework for testing and certification of PROFIBUS and PROFINET products".

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Karlsruhe, March 15, 2021

Board of PROFIBUS Nutzerorganisation e. V.

(signature)

(Official in Charge)

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(Karsten Schneider)

(signature)

(Dr. Jörg Hähniche)

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