

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Karl Dungs GmbH & Co. KG

Karl-Dungs-Platz 1, 73660 Urbach, Germany

the Certificate No: **Z13788** for the PROFINET IO Device:

Model Name: MPA411x EM2/8
Revision: SW/FW: V1.0.0; HW: 01
Identnumber: 0x06CA; 0x1001
GSD: GSDML-V2.42-Dungs-06CA-MPA41xx-20231106.xml
DAP: DAP 1: MPA411x EM2/8; 0x00003011

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

☒ PNIO_Version	V2.42
☒ Conformance Class	B
☒ Optional Features	Legacy, MRP, Device access, shared Device
☒ Netload Class	II
☒ PNIO_Tester_Version	Version 2.43
☒ Tester	Phoenix Testlab GmbH, Blomberg, Germany; PNF230919E01

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 **March 05, 2027** the certificate is valid for life.

Karlsruhe, March 14, 2024

Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)



(Xaver Schmidt)



(Frank Moritz)

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Karl Dungs GmbH & Co. KG

Karl-Dungs-Platz 1, 73660 Urbach, Germany

the Certificate No: **Z13790** for the PROFINET IO Device:

Model Name: MPA411x EM2/9
Revision: SW/FW: V1.0.0; HW: 01
Identnumber: 0x06CA; 0x1001
GSD: GSDML-V2.42-Dungs-06CA-MPA41xx-20231106.xml
DAP: DAP 3: MPA411x EM2/9; 0x00003031

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

☒ PNIO_Version	V2.42
☒ Conformance Class	B
☒ Optional Features	Legacy, MRP, Device access, shared Device
☒ Netload Class	II
☒ PNIO_Tester_Version	Version 2.43
☒ Tester	Phoenix Testlab GmbH, Blomberg, Germany; PNF230919E01

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Certificate

PROFIBUS Nutzerorganisation e.V. grants to

Karl Dungs GmbH & Co. KG

Karl-Dungs-Platz 1, 73660 Urbach, Germany

the Certificate No: **Z13789** for the PROFINET IO Device:

Model Name: MPA412x EM2/8
Revision: SW/FW: V1.0.0; HW: 01
Identnumber: 0x06CA; 0x1001
GSD: GSDML-V2.42-Dungs-06CA-MPA41xx-20231106.xml
DAP: DAP 2: MPA412x EM2/8; 0x00003021

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

☒ PNIO_Version	V2.42
☒ Conformance Class	B
☒ Optional Features	Legacy, MRP, Device access, shared Device
☒ Netload Class	II
☒ PNIO_Tester_Version	Version 2.43
☒ Tester	Phoenix Testlab GmbH, Blomberg, Germany; PNF230919E01

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