

Certificate

PROFIBUS Nutzerorganisation e.V. grants to

ifm electronic gmbh

Friedrichstr. 1, 45128 Essen, Germany

the Certificate No: **Z35009** for the Device with ENCODER functionality:

Model Name: RM3010, RM3011

Order_ID: RM30xx

Revision: SW/FW: V12.2.34; HW: 400

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

☒	Parameter access BMP, profile parameters, different ARs (mandatory for EC 2, EC 3 and EC 4)
☒	Parameter description (optional)
☒	Encoder Class 1, Standard encoder (mandatory for EC 1)
☒	Encoder Class 1, Standard encoder with parameter access BMP (optional for EC 1)
☒	Encoder Class 2, Standard encoder, Scaling and preset functionality (mandatory for EC 2)
☒	Encoder Class 3, Isochronous operation, Position feedback interface (mandatory for EC 3)
☒	Encoder Class 3, Isochronous operation, Position feedback interface, scaling functionality (optional for EC 3)
☒	Encoder Class 4, Isochronous operation, Position feedback interface, scaling functionality (optional for EC 4)
☒	Alarm channel (mandatory)
☒	Speed actual value (mandatory for EC 2)
☒	Set-/shift home position (optional for EC 3, mandatory for EC 4)

Test Report Number: EN005-1 plus Manufacturer Declaration

Authorized Test Laboratory: SIEMENS AG, Fürth, Germany

The tests were executed in accordance with the following documents:

"Test Specification for Encoder profile V4.2, Version 1.1, November 2017".

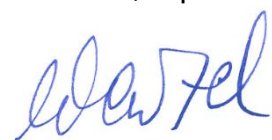
This certificate is granted according to the document:

"Framework for testing and certification of PROFIBUS and PROFINET products".

For all products that are placed in circulation by **October 19, 2027** the certificate is valid for life.

Karlsruhe, September 23, 2024

Board of PROFIBUS Nutzerorganisation e. V.



(Official in Charge)




(Xaver Schmidt)



(Frank Moritz)