

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5236.01/16

Product tested Safety-related programmable system **Certificate holder** HIMA Paul Hildebrandt GmbH
Albert-Bassermann-Str. 28
68782 Brühl bei Mannheim
Germany

Type designation HIMatrix F30, HIMatrix F35,
HIMatrix F60, HIMatrix RIO-NC,
Details see actual "Revision List of Devices and Firmware of HIMatrix - Systems"

Codes and standards EN ISO 13849-1:2015 EN 54-2:1997 + AC:1999 + A1:2006
EN 62061:2005 + AC:2010 + A1:2013 + NFPA 72:2016
A2:2015 NFPA 85:2015
EN 61131-6:2012 NFPA 86:2015
IEC 61508 Parts 1-7:2010 IEC 61131-2:2007
EN 50156-1:2015 IEC 61326-3-1:2008
IEC 61511-1:2016
EN 298:2012

Intended application Safety Related Programmable Electronic System for process control, Burner Management (BMS), emergency shut down and machinery, where the demand safe state is the de-energized state.

Applications, where the demand state is the de-energized or energized state.

The devices comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 62061 / IEC 61508) and can be used in applications up to Cat. 4 / PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 / IEC 61511 / EN 50156-1 / IEC 61508.

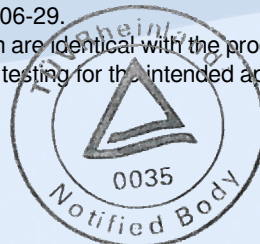
Specific requirements For the use of the system the Safety Manual, User Manuals and the official list of product documentation, hardware modules and software components released by HIMA and TÜV Rheinland have to be considered.

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 2021-07-28

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1300.00/16 dated 2016-06-29.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.



Berlin, 2016-07-28

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno