

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5666.01/23

Product tested Safety Related Programmable Electronic System

Certificate holder HIMA Paul Hildebrandt GmbH
Albert-Bassermann-Str. 28
68782 Brühl
Germany

Type designation HIQuad X, Details see
"Revision List of Devices and Firmware of HIQuad X - Systems"

Codes and standards

EN 61508 Parts 1-7:2010	EN 61326-3-1:2017
EN ISO 13849-1:2015	EN IEC 61326-3-2:2018
EN 61131-2:2007	EN 50130-4:2011 + A1:2014
EN 61131-6:2012	EN 61000-6-7:2015

Intended application

The product complies with the requirements of Cat. 4 / PL e acc. to EN ISO 13849-1, SC 3 and SIL 3 acc. to EN 61508 and can be used in safety-related applications for Process Control, Burner Management, Fire & Gas, Emergency Shutdown Systems, Safety of Machinery, where the safe state is the de-energized state and applications, where the demand state is the de-energized or energized state.

The product was assessed in reference to the requirements of EN IEC 62061:2021, IEC 61511-1:2016+ Corr.1:2016+AMD1:2017, EN 50156-1:2015, EN 54-2:1997+AC:1999 +A1:2006, EN 12067-2:2004 and EN 298:2012 applicable during a type examination and can be used in application as such.

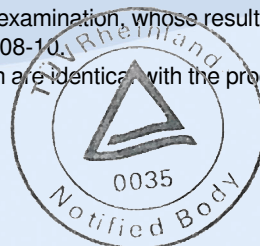
Specific requirements

For the use of the system, the Safety Manual, the User Manual and the Revision List of Devices and Firmware of HIQuad X - Systems, released by HIMA Paul Hildebrandt GmbH and TÜV Rheinland Industrial Service GmbH, have to be considered.

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

Valid until 2028-08-18

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1683.07/23 dated 2023-08-10.
This certificate is valid only for products which are identical with the product tested.



Köln, 2023-08-18

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand