

EC Type-Examination Certificate



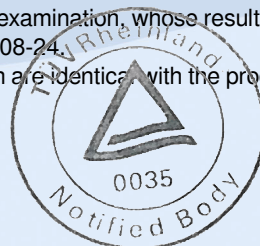
Product Safety
Functional
Safety

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Reg.-No.: 01/205/5666.00/18

Product tested	Safety Related Programmable Electronic System	Certificate holder	HIMA Paul Hildebrandt GmbH Albert-Bassermann-Str. 28 68782 Brühl bei Mannheim Germany
Type designation	HIQuad X, Details see "Revision List of Devices and Firmware of HIQuad X - Systems"		
Codes and standards	IEC 61508 Parts 1-7:2010 EN ISO 13849-1:2015 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015 EN 61131-2:2007 EN 61131-6:2012	EN 61326-3-1:2017 EN 61326-3-2:2008 EN 50130-4:2011 + A1:2014 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 IEC 61508 / EN 62061 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, up to SIL 3. The product was assessed in reference to the requirements of 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, EN 298:2012, NFPA 72:2016, NFPA 85:2015 and NFPA 86:2015 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 2023-08-24			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1683.00/18 dated 2018-08-24.
This certificate is valid only for products which are identical with the product tested.



Köln, 2018-08-24

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno