



TÜVRheinland®

ZERTIFIKAT CERTIFICATE

EC Type-Examination Certificate

Reg.-No.: 01/205/5355.00/13

Product tested	Safety-related programmable system	Certificate holder	HIMA Paul Hildebrandt GmbH + Co KG Albert-Bassermann-Str. 28 68782 Brühl bei Mannheim Germany
Type designation	HIMatrix M45 Details see actual "Revision List of Devices and Firmware of HIMatrix M45 - Systems"	Manufacturer	see certificate holder
Codes and standards forming the basis of testing	IEC 61508 Parts 1-7:2010 EN 61511 Parts 1-3:2004 EN ISO 13849-1:2008 + AC:2009 EN 62061:2005 + AC:2010 + A1:2013 EN 50156-1:2004 EN 12067-2:2004 EN 298:2012	EN 61131-2:2007 EN 61326-3-1:2008 EN 54-2:1997 + AC:1999 + A1:2006 NFPA 85:2011 NFPA 86:2011 NFPA 72:2013	
Intended application	Safety Related Programmable Electronic System for process control, Burner Management (BMS), emergency shut down and machinery, where the safe state is the de-energized state. Applications, where the demand state is the de-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.			
This certificate is valid until 2017-10-31.			



Functional
Safety
Type
Approved

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The issue of this certificate is based upon an examination, whose results are documented in report-no.: 968/EZ 618.00/13 dated 2013-10-31.

The holder of a valid licence certificate for the product tested is authorized to affix the test mark shown opposite to products, which are identical with the product tested.



Berlin, 2013-10-31

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno