

ZERTIFIKAT

CERTIFICATE

Nr./No. 968/EZ 273.00/07

Product tested	GA DUPLEX/7-S GA DUPLEX SMART-S	Holder of the certificate	Gebhardt automation GmbH Oelkinghauser Strasse 12a 58256 Ennepetal Germany
Type designation	MCDIN-S mod.1 MCAD -S mod.1 MCDOT-S mod.1 DFAB-1oo2D	Intended application	The Safety-core is used within the programmable electronic system for process control, emergency shut down and machine protection, where the safe state is the de-energized state.
Codes and standards forming the basis of testing	IEC 61508:1998-2000 EN 954-1:1996 EN ISO 13849-1:2006 EN 50178:1998 IEC 61511-1:2003	IEC 61131-2:2003 EN 60204-1:2006	
Test results	The safety-core is suitable for safety related applications up to SIL 3 (IEC 61508), Cat. 3 (EN 954) , PL e (EN ISO 13849) considering the results of the test report-no.: 968/EZ 273.00/07 dated 2007-09-05.		
Specific requirements	For using the safety-core the test report, the Safety Manual, the User Manual and the actual revision of the official list of product documentation, hardware modules and software components released by Gebhardt automation GmbH and TÜV Rheinland shall be considered.		



The test report-no. 968/EZ 273.00/07 dated 2007-09-05 is an integral part of this certificate.
The holder of a valid licence certificate for the product tested is authorised to affix the test mark shown opposite to products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Geschäftsfeld ASI
Automation, Software und Informationstechnologie
Am Grauen Stein, 51105 Köln
Postfach 91 09 51, 51101 Köln



2007-09-05

Date

Company seal

Dipl.-Ing. Heinz Gall