



AUTOMATION COMPONENTS MADE IN GERMANY

1988

FOUNDED

85

EMPLOYEES AT
HEADQUARTERS

25

YEARS
EXPERIENCE

4

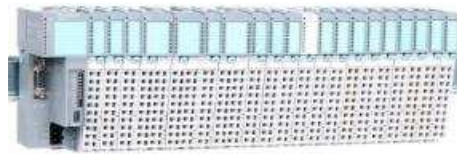
SUBSIDIARIES

46

GLOBAL
PARTNERS

64

COUNTRIES



TB20
DISTRIBUTED
FIELD BUS
I/O SYSTEM



PROFIBUS
COMPONENTS



NETLink[®]
GATEWAYS



TELESERVICE
PRODUCTS



S7
COMPONENTS



CAN BUS
PRODUCTS



WATER
TREATMENT
AND
WASTE WATER



PACKAGING



WIND



FOOD AND
BEVERAGE

CERTIFICATE

COMPATIBLE WITH YOU

ISO 9001:2008

DEKRA Certification GmbH hereby certifies that the company

Systeme Helmholz GmbH

Scope of certification:
Development, manufacturing and distribution of electronic components and systems for automation technique

Certified location:
D-91091 Großenseebach, Hannberger Weg 2

has established and maintains a quality management system according to the above mentioned standard. The conformity was attested with audit report no. A1091131.

This certificate is valid from 2012-01-31 to 2015-01-23 Certificate registration no.: 512998614
D-91091

DEKRA Certification GmbH
Stuttgart, 2012-01-31

Logo of membership in accordance with the rules of the Qualification Agency for Votif, the certificate holder

DEKRA Certification GmbH • Hannberger Weg 15 • D-91091 Stuttgart • www.dekra-certification.de page 1 of 1

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. A-12073

This is to certify that the
Peripheral Equipment

with type designation(s)
CAN 300 communication module

Manufactured by
Systeme Helmholz GmbH
Großenseebach, Germany

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application
Location classes:

Temperature	D
Humidity	B
Vibration	A
EMC	B
Enclosure	B

Required protection according to DNV Rules shall be provided upon installation on board

Hevik, 2010-11-08
for Det Norske Veritas AS

Odd Magne Neevåg
Head of Section

DNV local office:
Essen

This Certificate is valid until
2014-12-31

Aleksandra Gorowska
Surveyor

This Certificate is subject to terms and conditions contained. Any significant change in design or construction may render this Certificate invalid. The validity also applies to the Type Approval Certificate and has to be approved by appropriate authorities. If any person suffers loss or damage which is proved to have been caused by any negligence and/or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for the amount declared in this certificate. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision 'Det Norske Veritas' shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

DET NORSKE VERITAS AS, Veritasveien 1, NO-1322 Høvik, Norway. Tel: +47 87 57 30 00, Fax: +47 87 57 99 11, Obj.No. NO 945 745 531 MVA. www.dnv.com
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ONLINE CERTIFICATIONS DIRECTORY

NRAQ2.E212657
Programmable Controllers - Component

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Programmable Controllers - Component

See General Information for Programmable Controllers - Component

SYSTEME HELMHOLZ GMBH E212657
HANBERGER WEG 2
91091 GROSSENSEEBACH, GERMANY

PROFIBUS Plug: 700-972-0BA12, 700-972-0BA41, 700-972-0BA50, 700-972-0BB12, 700-972-0BB50, 700-972-0BB41, 700-972-0CA12, 700-972-0CA50, 700-972-0CF50, 700-972-0FA50, 700-972-0FB50, 700-972-0BA12, 700-972-0BB12, 700-982-0BA22, 700-982-0BB22.

PROFIBUS Compact Repeater: 700-972-0RB52.

PROFIBUS Plug with diagnostic units: 700-972-7BA12, 700-972-7BB12, 700-972-7BB50, 700-972-7BA50, 700-972-7FA50, 700-972-7FB50.

PROFIBUS Plug for CAN-Buses: 700-690-0CA12, 700-690-1BA12 and 700-690-1BB12.

Marking: Company name and catalog designation.
Last Updated on 2009-07-22

Questions? Notice of Disclaimer Page Top

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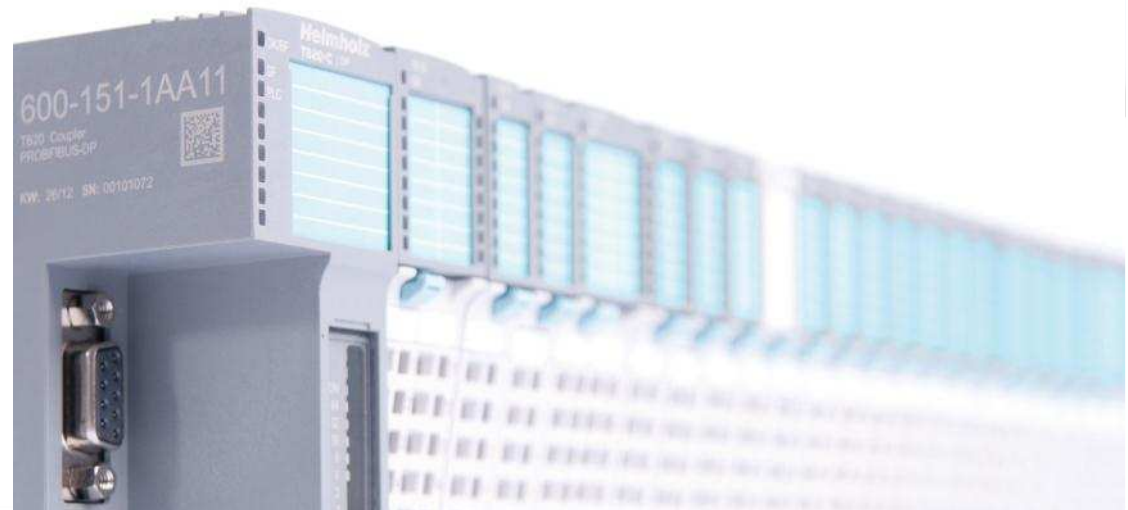
AN INDEPENDENT ORGANIZATION WORKING FOR A SAFER, HEALTHIER, AND MORE PRODUCTIVE WORLD

TB20

Helmholz[®]
COMPATIBLE WITH YOU

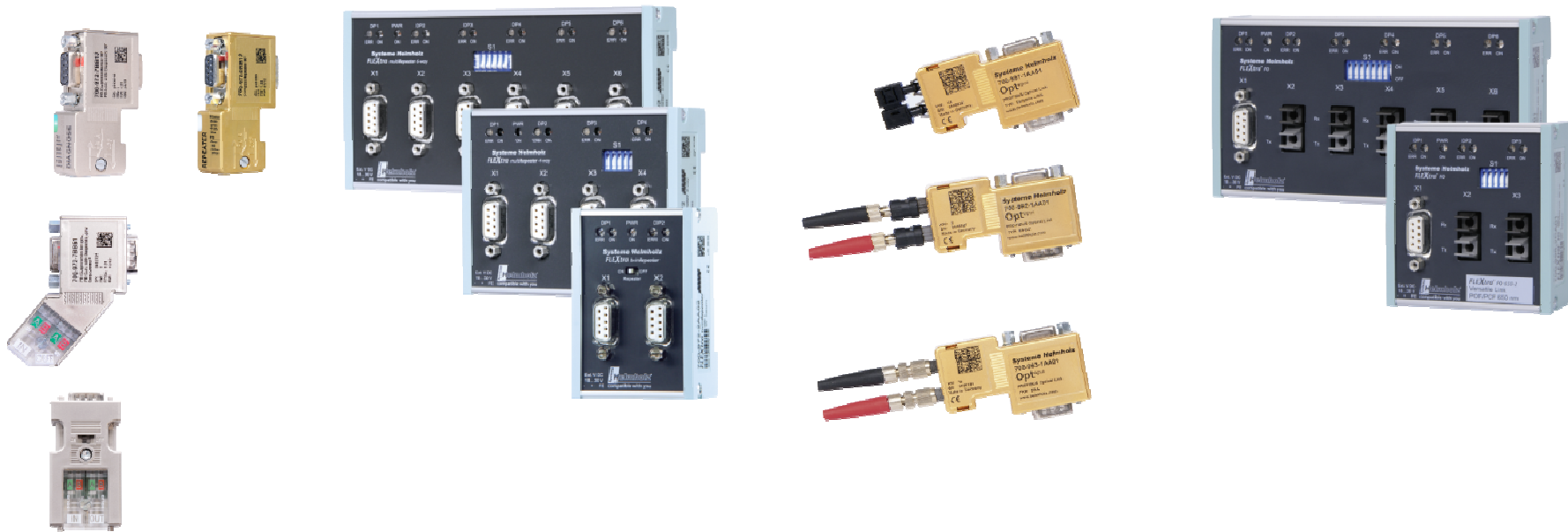
the new and modern distributed I/O System

- Three-part module construction
- Bus couplers for conventional bus systems like PROFIBUS, PROFINET, CANopen, etc.
- Hot-pluggable
- Modules for 2/4/8/16 channels as well as mix-modules available
- Up to 1024 In- / Outputs
- Freely usable auxiliary clamp connected through all modules
- Clear, direct label-LED-clamp attribution
- Smart design and configuration using „TB20 Toolbox“ software

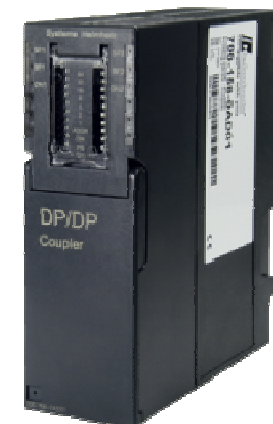


Systeme Helmholz GmbH

- PROFIBUS Connectors for all common applications
- PROFIBUS Repeater
 - Compact Repeater
 - FLEXtra[®] multi Repeater
- PROFIBUS Fibre Optic Converter
 - OPTopus
 - FLEXtra[®] FO



- PROFIBUS Radio System
 - viBlu
 - PAS 153 viBlu
- PROFIBUS Communication
 - PAS 153
 - DP/DP Coupler



NETLink® Gateways

Helmholz®
COMPATIBLE WITH YOU

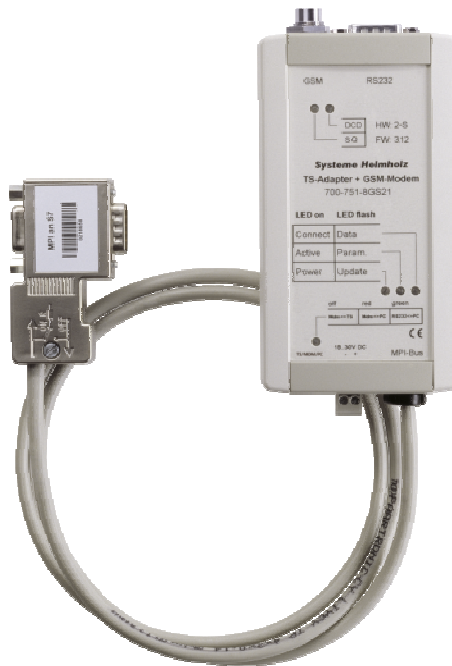
PROFIBUS Ethernet Gateways to program, visualize and log operating data via Ethernet and USB

- NETLink® PRO PoE, PROFIBUS Ethernet Gateway
- NETLink® WLAN, PROFIBUS Ethernet WLAN Gateway
- NETLink® Switch, Ethernet Gateway with integrated 4-Port Switch
- NETLink® PRO compact, PROFIBUS Ethernet Gateway
- NETLink® USB compact, mini PROFIBUS USB Gateway



Modem based Solutions

- SSW7-TS (Analog, ISDN, GSM)
- SSW7-TS PRO (Analog/ISDN/GSM) (with PROFIBUS functionality)
- TS 300 (Analog/ISDN/GSM), Teleservicemodule for the S7 Rack



Ethernet based solutions

- REX 300 Ethernet Router
 - Secure teleservice of MPI/PROFIBUS, Ethernet and serial devices
 - LAN/WAN
 - UMTS/HSDPA (3G)
- VPN Portal myREX24
 - Software for easily establishing a connection
 - Outbound connections, no firewall modifications required



Components for S7

- Memory Cards
- Micro Memory Cards
- I/O modules for S7
- Communication Modules

- Front Connectors
- Mounting Rails
- Interface Converters
- Accessories



- CAN 300 PRO Communication Module
- CAN 400 Communication Module
- DP/CAN Coupler, CANopen / Layer 2
- CAN Bridge, connecting CAN networks
- CAN-Bus Connectors



Thank you for your attention

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COMPATIBLE WITH YOU



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www.helmholz.com