



11 March 2014

Beijer Electronics GmbH & Co. KG

Kelterstraße 59
72669 Unterensingen

Attn: Mr. S. Schauwecker

Reference: **1139922/UN**
Project No.: 3184427

In reply to your e-mail
of 19.11.2013

Subject: **Type Approval – Product Design Assessment for:**
Touch Control Panel
Model: iX T7AM (optional CiX-CAN)
According to documentation as per attached list

Gentlemen,

We have your application for ABS Type Approval dated 19 November 2013 together with the appropriate enclosures and are pleased to advise that we have completed the Product Design Assessment (PDA) phase of the type approval process. Enclosed is your original copy of the “PDA”. Your details are published on our web site “www.typeapproval.org” and can also be downloaded there.

Please be sure that you understand the scope and conditions of the validity of the certificate. An assessment is not an approval. As applicable, the PDA is a generic assessment of materials, components, products or systems for a specific use in compliance with the Rules, Guides and recognized standards. In essence the final approval is given when an Engineer or Surveyor accepts it for a specific user and installation. Therefore, the PDAs are written assuming that the end user and installation of the product is unknown, and that the manufacturer may not apply for Manufacturing Assessment.

In particular we draw your attention to the pages attached to the PDA and the restrictions that may affect its use.

Unit certification is not required for this product. If you or your purchaser requests an ABS Certificate for compliance with a specification of standard; the specification or standard, including inspection standards and tolerances, you must clearly define the conformity criteria.

This Product Design Assessment (PDA) is intended for products to be used on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product. The use of the product in a non ABS classed vessel, MODU or facility is to be mutual agreement between your company and your client.

We recommend that you monitor the ABS Rules, Guides and other standards used in the approval. These Rules, Guides and standards often change on an annual basis and you must comply with the new Rules, Guides and standards in order for the product to be used on an ABS classed vessel or facility contracted under the new Rules, Guides or Specifications.

We do caution you that the use of the ABS logo is copyrighted. However, our “Design Assessed” Logo may be used as long as your PDA remains valid.



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Our "Product Type Approval" Logo may be used as long as you have an ISO 9001 Certified Quality System (or equivalent) and you are conducting regular ABS Manufacturing Assessment audits of your manufacturing process. Should you desire to continue with Product Type Approval please contact the ABS Office at Augsburg, Tel: 0821-45063-77, Fax: 0821-45063-79. The office will arrange for the production testing as may be necessary and audit of your quality assurance and control arrangements. To find another office, use the directory of ABS Offices on the ABS Web Site at www.eagle.org. You may also ask the ABS Program staff at Tel. (001-281) 877-6107, Fax (001-281) 877-6591, or e-mail to: absta-programs@eagle.org.

A copy of the artwork for the Design Assessment and Type Approved logos may be requested from our e-mail address: absta-programs@eagle.org. Please be aware that both logos are not to be used at the same time. For a copy of the art work and detailed guidance on their use, please contact absta-programs@eagle.org.


An electronic copy of the stamped drawings is being returned by separate e-mail.

Please find enclosed our invoice to cover the cost of the design assessment phase of the type approval process.

We appreciate your confidence in ABS Type Approval. If you should have any comments relative the scope and conditions of the assessment of your product, or if we can be of any further assistance, please do not hesitate to contact us.

Very truly yours,

Dimitrios G. Kostaras
Vice President of Engineering
ABS Europe Division

By: 
E. Maliatsos
Senior Principal Engineer

cc: Augsburg
Firm File

Enc.



Attach to ABS letter of 11 March 2014

Reference: **1139922/UN**

Project No.: 3184427

Drawing List

Engineering Office:	Hamburg Engineering Department	
Submitter:	BEIJER ELECTRONICS GMBH & CO. KG	
Drawing No	Revision No	Drawing Title
None 01	-	Declaration of Conformity
None 02	-	Declaration of Conformity
None 03	-	Manual
None 04	-	Manual
None 05	-	Certificate, EMC
None 06	-	Certificate, EMC
None 07	-	Certificate, Environmental
None 08	-	Test Report
None 09	-	Test Report

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Web: www.beijerelectronics.de

PRODUCT:
Touch Control Panel

MODEL:
iX T7AM
optional CiX-CAN

Intended Service:
Display and control unit for Marine and Offshore Application.

Description:
The iX T7AM HMI is designed for small and medium applications.

Ratings:
Power supply: 24 VDC
Enclosure rating: IP65 (front), IP20 (rear)
Processor: ARM9, 400 MHz
Interfaces:
Serial: 2 x RS232, 2 x RS422/485
Ethernet: 10/100 Mbit/s RJ45
USB: USB Host 2.0

Service Restriction:
Unit certification is not required for this product. If you or your purchaser requests an ABS Certificate for compliance with a specification of standard; the specification or standard, including inspection standards and tolerances, you must clearly define the conformity criteria.

Comments:
Each particular application is to be specifically approved in conjunction with the relevant arrangements and systems.

Notes / Drawings / Documentation:
Supporting Data:
MessTechnikNord GmbH: 06912.043.13 V1.0, 06912.043-1.13
RMS: 02-03/2013, 03-03/2013

Term of Validity:
This Product Design Assessment (PDA) Certificate 14-HG1139922-PDA, dated 11/Mar/2014 remains valid until 10/Mar/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).
This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.
Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.
Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The Rules applicable to this assessment are:

2014 Steel Vessel Rules 1-1-4/7.7, 1-1-Appendix 3, 4-8-3/1.7/1.11/1.17, 4-9-3/11, 4-9-8/13

National:

NA

International:

NA

Government Authority:

NA

EUMED:

NA

Others:

NA