

Type Approval Certificate Extension

This is to certify that Certificate No. 98/20040 (E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:


PRODUCER	Intra-Automation GmbH Otto-Hahn-Straße 20 41515 Grevenbroich Germany
DESCRIPTION	Magnetic level gauge
TYPE	ITA-3-LR PN16 ITA-6-LR PN40
APPLICATION	As liquid level indicators on tanks above the double bottom tanks on ships and offshore installations classed or intended for classification with Lloyd's Register.
STANDARD	Lloyd's Register Rules and Regulations for the Classification of Ships, Edit. 2013.
OPERATIONAL LIMITS	Shut off valves at the connection between tank and level indicator to be provided. The level indicators are not to be used on passenger ships for tanks containing flammable liquids.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. HMD 10951-03, Issue No. 2, dated 07.11.2013 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 98/20040 (E2) to which this extension should be attached.

Certificate No.	98/20040 (E3)
Issue Date	07 November 2013
Expiry Date	21 June 2018
Sheet	1 of 1


Torsten Schröder
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Lloyd's Register EMEA

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Marine Design Appraisal Document

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Date
07 November 2013

Please quote this reference number on all future communications
HPC 0810294/29999-13/TS/hu

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
ISSUED TO: INTRA-AUTOMATION GMBH
FOR: MAGNETIC LEVEL GAUGE**

TYPE APPROVAL CERTIFICATE NO. 98/20040 (E3)

**This Marine Design Appraisal Document supersedes and cancels
document number HMD 10951-03, Issue 1, dated 04.09.2008**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System, 2002, and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form 2571	Application for Type Approval	15.01.2013
HMD 9800235 T	Design Appraisal Document	22.06.1998
KN-02007e-K-0000-4	Magnetically controlled liquid level gauge PN16, type ITA-3-LR	---
KN-02007e-K-0001-4	Magnetically controlled liquid level gauge PN40, type ITA-6-LR	---
ITA-div.003d-01	Niveaustandsanzeiger ITA-3-LR, ITA-6-LR	---
ITA-3/6	Technical description	---

TEST REPORTS

HPC 0810294	Visit Report for Type Approval	20.09.2013
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FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.

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Part 1
Subject: Measuring Systems
Product: Level Gauges

Producer/Licence No.	Description of Product				Cert. No.
	Type	Details of Approval	Application	Remarks	
INTRA-AUTOMATION GmbH Otto-Hahn-Straße 20 41515 Grevenbroich Germany	ITA-3-LR PN 16 ITA-6-LR PN 40	Magnetic level gauge	As liquid level indicators on tanks above the double bottom tanks on ships and offshore installations classed or intended for Classification with Lloyd's Register.	Expires: 21 June 2018 Shut off valves at the connection between tank and level indicator to be provided. The level indicators are not to be used on passenger ships for tanks containing flammable liquids.	98/20040 (E3)