



Germanischer Lloyd

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **35 731 - 85 HH**  
Company **Intra-Automation GmbH**  
**Otto-Hahn-Straße 20**  
**41515 Grevenbroich, GERMANY**

Product Description **MAGNETIC LEVEL INDICATORS**

Type **ITA - 3 GL - PN 16**  
**ITA - 6 GL - PN 40**

Environmental Category **None**

Technical Data / **TECHNICAL DATA**

Range of Application **The magnetic level indicators consist of the following main components:**  
• Vertical tube (1.4571) • Float (1.4571) • Indication rail (macralon, aluminium)  
• Tank connections (austenitic stainless steel) •

#### RANGE OF APPLICATION

- The indicators may be used on tanks arranged above the double bottom.
- The GL Rules 1 Seagoing Ships, 2 Machinery Installations, Section 11, Table 11.1-Classification of pipes into pipe classes-, Table 11.2-Approved materials- and Table 11.3-Approved materials and types of material certificates- are to be observed.
- Level indicators for the use in pipe classes I or II are to be presented to a Surveyor of this Society for final inspection and hydrostatic pressure test.

#### LIMITATIONS

- The indicators are not to be used for fuel and oil tanks on passenger ships.

Test Standard • Regulations for the Performance of Type Tests, Part 6 - Test Requirements for Mechanical Components and Equipment.

Documents • Test Report No.: 13 0732 2 84 MPA Dortmund  
• Data Sheets  
• Drawings with Part Lists of Type ITA-3 GL and ITA-6 GL

Remarks • See Limitations

Valid until **2012-05-28**

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Type Approval Symbol



File No. **II.B.06**

Hamburg, 2007-04-13

**Germanischer Lloyd**

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