



Certificate No. 03-002168/031871

## TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

### MAGNETIC LEVEL INDICATOR

Type IM-MLI

MANUFACTURER:

**INELTEH d.o.o.**

Ljubljanska cesta 7  
51000 Rijeka  
CROATIA

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

CRS RULES FOR THE CLASSIFICATION OF SHIPS

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: 2029-09-24

Place and date: Split, 2025-09-25

Seal \_\_\_\_\_

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

**DETAILED PRODUCT DESCRIPTION:**

Magnetic level indicator type IM-MLI is a level indicating device which requires no external power to operate. A bypass chamber is connected to the tank, and as liquid level rises or falls, a float with a magnet moves inside chamber. On the outer side of the chamber are magnetic indicator flags with different color on each side. As float moves, the magnet inside the float rotates the flags, they change color, and in this way indicate the level. The chamber is completely sealed and the only moving part is the float.

1.1 Technical data

Type	Measure Range (mm)	Max. Working Pressure	Max. Working Temperature	Flange
IM-MLI-01	0~5500	10 bar	140 °C	- DN15 - DN50 - Welded or Thread 1/2" - 1"
IM-MLI-02	0~2800	10 bar	140 °C	- DN50 - DN100 - Welded or Thread 2 1/2" - 6"

1.2 Materials and components

Type	Body	Indication Device	Float / Sensor	Isolating Valve
Type IM-MLI	316L	Magnetic Device	Stainless Steel	Stainless Steel

When other choices of materials are used per manufacturer's recommendations, the CRS agreement is to be obtained.

**APPLICATION / LIMITATIONS:**

CRS Rules for the classification of ships.

**TYPE APPROVAL DOCUMENTATION:**

**Documentation:**

- IM-MLI-01 - Magnetic level Indicator Type IM-MLI Outlines
- IM-MLI-02 - Magnetic level Indicator Type IM-MLI Outlines
- Magnetic level Indicator Type IM-MLI - Safety, installation and maintenance instruction

**Test Reports:**

- Test reports No. 21520 - BV- 167/12 dated 18/12/2012 Vibration test - Resonance search and endurance test carried out at Koncar Electrical Engineering Institute and witnessed by a Bureau Veritas Surveyor
- Test reports No. TR-IM-MLI dated 06/12/2012 pressure, tightness, burst and inclination test carried out at manufacturer workshop in presence of a Bureau Veritas Surveyor

**MARKING OF PRODUCT:**

The Manufacturer, type designation of the product and serial number.

**CONDITIONS FOR CERTIFICATION:**

The manufacturer should notify CRS of any modifications or changes to the product to ensure the validity of the Certificate.