



TYPE APPROVAL CERTIFICATE
No. **ELE298025CS002**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Magnetic float level switches
<i>Type</i>	LM ...
<i>Applicant</i>	ELETTROTEC s.r.l. Via Jean Jaurés, 12 20125 Milano ITALY
<i>Manufacturer</i>	ELETTROTEC s.r.l.
<i>Place of manufacture</i>	Via Jean Jaurés, 12 20125 Milano ITALY
<i>Reference standards</i>	Rules for the Classification of Ships - Part C - Machinery, Systems and fire protection - Ch.3, Sect.6, Tab.1.

Issued in **Genoa** on **May 1, 2025**. *This Certificate is valid until* **May 1, 2030**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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LM ...

Reed Relay float level switches type

LM1GSI	LM2GSI	LMM1GSA..B.	LMM1CFA..	LM1CFA	LM2CFA	LM1FIA
LM2FIA	LMM1FIA	LM1GS	LM2GS	LMM1GSA..B..	LM3GA..B..C	LM4GA..B..C..
LMM1FIA	LM1GS	LM2GS	LMM1GSA..B	LM3GA..B..C..	LM4GA..B..C	LM3GIA..B..C..
LM4GIA..B..C.. D	LM3GIA..B.. C	LM4GIA..B..C.. D	LM3GSA..B.. C	LM4GSA..B..C.. D	LM3GSA..B.. C	LM4GSA..B..C.. D
LM1TIA	LM2TIA	LMM1TIA..B..	LM1GTA	LM2GTA	LMM1GTA..B..	LM1GTIA
LM2GTIA	LMM1GTIA.. B	LM1CTA	LM2CTA	LMM1CTA..B..	LMA1FA	LMA2FA
LMM1FA..B..	LM3GTA..B. C	LM4GTA..B..C D	LM3GTIA..B.. C	LM4GTIA..B..C.. D		

Safety characteristics:

Marking:

II ½ G Ex ia IIB T6 (NBR float and brass rod)

II ½ G Ex ia IIC T6 (AISI 316 float and rod)

Certification authority: CESI

Certificate: CESI 05 ATEX 016 (15/02/2005)+ supplement n.01/08 (13/03/2008)

Safety standards: EN 60079-0:2012+A11:2013; EN 60079-11:2012; EN 60079-26:2015

Test report:

EMIT-LAS Report n. RP 3072F1A 94 (09/94)

EMIT-LAS Report n. RP 1989 F1A 92 (06/92)

Elettrotec datasheet 25-1-1-01

Remarks:

For the installation of level switches having rod length >500mm, additional fixing points are to be provided according to the installation condition.

EMC test not applicable to the product (CE 2014/30.)

This certificate replaces and annuls the previous certificate ELE102720CS002.

Genoa May 1, 2025