



TYPE APPROVAL CERTIFICATE

N. ELE102720CS002

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA Type Approval system.

Description	Magnetic float level switches
Type	LM ...
Applicant	ELETTROTEC Srl Via Jean Jaurés, 12 20125 Milano Italy
Manufacturer	ELETTROTEC Srl Via Jean Jaurés, 12 20125 Milano Italy
Testing Standards	RINA Rules for the Classification of Ships. Part C - Machinery, Systems and Fire Protection. Ch. 3, Sect. 6, Table 1

Issued in **Genova** on **May 01, 2020**

This certificate is valid until **May 01, 2025**

RINA Services S.p.A.



Luigi Benedetti

This document is digitally signed



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Reed Relay float level switches type:

LM1GSI	LM2GSI	LMM1GSIA..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..	LM3GSIA..B..C..	LM4GSIA..B..C..D
LM1TIA	LM2TIA	LMM1TIA..B..	LM1GTA	LM2GTA	LMM1GTA..B..	LM1GTIA
LM2GTIA	LMM1GTIA..B..	LM1CTA	LM2CTA	LMM1CTA..B..	LMA1FA	LMA2FA
LMMA1FA..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 (15/02/2015) + Supplement n. 01/08 (13/03/2008)

Safety standard: EN 50014:1997+A1+A2; EN 50020:2002; EN 50284:1999;
EN 60079-0 (2006); EN60079-11(2007), EN 60079-26 (2007)

Test Reports:

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

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

ELETTROTEC Catalogue 7C (64 pages)

Remarks:

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

