

Type Approval Certificate



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

Certificate No. 99 348 - 97 HH

Company ELETTROTEC S.R.L.
Via Jean Jaures 7
20125 Milano, ITALY

Product Description Magnetic Level Indicator

Type LM1CFA..., LM2CFA..., LMM1CFA..., LM1CTA..., LM2CTA..., LMM1CTA...,
LM1GTA..., LM2GTA..., LMM1GTA..., LM1GTIA..., LM2GTIA..., LMM1GTIA...

Environmental Category C

Technical Data / Range of Application	Type:	Max. length:	No. floats:	Contacts:
	LM1CFA, -CTA	1500 mm	1	1 n/c (n/o)
	LM2CFA, -CTA	1500 mm	1	1 c/o
	LMM1CFA, -CTA	1500 mm	1	2 n/c (n/o)
	LM1GTA, -GTIA	2500 mm	1	1 n/c (n/o)
	LM2GTA, -GTIA	2500 mm	1	1 c/o
	LMM1GTA, -GTIA	2500 mm	1	2 n/c (n/o)

Temp. range: -10 to 80°C

Fluid specific weight: > 0,7

Max. pressure: 10bar

Output: reed contact(s) n/c (n/o)-rating: 220V 50Hz 0,8A 60VA or
c/o-rating: 220V 50Hz 0,5AQ 30VA

Degree of protection: IP 65

A protection circuit has to be used for none resistive load

Test Standard Guidelines for the Performance of Type Tests, Chapter 2, Edition 2003

Documents Test reports: RP 3072 F1A 94 of Sept. 1994, RP 1989 F1A 92 of June 1992
Catalogue Cat.N. 7C EDIZ. 1°/96

Remarks For tube length >500mm has to be provided 1 additional fixing point and for tube length >1500mm has to be provided 2 additional fixing points.

Valid until 2016-05-28

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Type Approval Symbol



File No. I.D.03

Hamburg, 2011-08-04

Germanischer Lloyd

W. Voß
Wolfgang Voß

H. Klopp
Helmut Klopp

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Via Jean Jaures 7
20125 Milano, ITALY

Product Description Magnetic Level Indicator

Type LM1FIA..., LM2FIA..., LMM1FIA..., LM1TIA..., LM2TIA..., LMM1TIA...
LM1GS..., LM2GS..., LMM1GS..., LM1GSI..., LM2GSI..., LMM1GSI...

Environmental Category C

Technical Data / Range of Application	Type:	Max. length:	No. floats:	contacts:
	LM1FIA, -TIA	1500 mm	1	1 n/c (n/o)
	LM2FIA, -TIA	1500 mm	1	1 c/o
	LMM1FIA, -TIA	1500 mm	1	2 n/c (n/o)
	LM1GS, -GSI	86 mm	1	1 n/c (n/o)
	LM2GS, -GSI	86 mm	1	1 c/o
	LMM1GS, -GSI	1500 mm	2	2 n/c (n/o)

Temp. range: -10 to 80°C and -35 to 150°C for LM2GSISP S

Fluid Specific weight: > 0,7

Max. pressure: 10 bar and 25 bar for LM2GSISP S

Output: reed contact(s) n/c (n/o)-rating: 220V 50Hz 0,8A 60 VA or
c/o-rating: 220V 50Hz 0,5A 30VA

Degree of protection: IP 65

A protection circuit has to be used for none resistive load

Test Standard Guidelines for the Performance of Type Tests, Chapter 2, Edition 2003

Documents Test reports: RP 3072 F1A 94 of Sept. 1994, RP 1989 F1A 92 of June 1992,
EMIT-LAS- report no. 0007-PG-01E of April 2001
Catalogue Cat.N. 7C EDIZ. 1°/96

Remarks For tube length >500mm has to be provided 1 additional fixing point.

Valid until 2016-05-28

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