

LLOYD'S REGISTER TYPE APPROVAL

Issue by: Trieste Technical Support Office

Issued to: F.lli Giacomello S.r.l.

For: Level indicator


LV/M

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2019) and this Design Appraisal Document forms part of the Certificate LR2011169TA.

APPROVAL DOCUMENTATION

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|---|------------|
| Type Approval Application Checklist | 26/06/2020 |
| Form 2502TA – Request for Marine Service – Ref. No. TAC – 2019/134a / SQ155346 | 03/08/2020 |
| Form PQA – Production Quality Assessment Form, F.lli Giacomello S.r.l. – Rho (MI) | 28/04/2020 |
| TÜV NORD ISO 9001: 2015 Certificate n° 44 100 20410002 | 25/11/2019 |
| Instructions for Use and Installation Mod. LV/M Cod. R28-10 Rev. 0 | 07/2019 |

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Maurizio Crucil
August-14, 2020
Marine and Offshore
Trieste Technical Support Office
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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

Type Approval Certificate

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

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|---------------------------|--|
| Manufacturer | F.Ili Giacomello Srl. |
| Address | Via Magenta, 77 Cap 15/A, Rho (MI), 20017, Italy |
| Type | Level Indicators |
| Description | Level indicators |
| Trade Name | LV/M |
| Application | Marine, Offshore and Industrial |
| Specified Standard | Manufacturer's Specification |
| Ratings | Rated pressure: 35 bar |

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2011169DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.



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LLOYD'S REGISTER TYPE APPROVAL

Issue by: Trieste Technical Support Office

Issued to: F.lli Giacomello S.r.l.

For: Electromagnetic level indicators

LV/M-76/127/254-S1

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2019) and this Design Appraisal Document forms part of the Certificate LR2011166TA.

APPROVAL DOCUMENTATION

| | |
|--|------------|
| Type Approval Application Checklist | 26/06/2020 |
| Form 2502TA – Request for Marine Service – Ref. No. TAC – 2019/134a / SQ155346 | 03/08/2020 |
| Form PQA – Production Quality Assessment Form, F.lli Giacomello S.r.l. – Rho (MI) | 28/04/2020 |
| TÜV NORD ISO 9001: 2015 Certificate n° 44 100 20410002 | 25/11/2019 |
| Instructions for Use and Installation Mod. LV/M-76-S1 LV/M-127-S1 LV/M-254-S1 Cod. R29-11 Rev. 0 | 07/2019 |

TEST REPORTS

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|--|------------|
| InLAB S.r.l. Test Report No. 1910240950 - IEC 60730-1:2010 | 02/10/2019 |
| InLAB S.r.l. Test Report No. 1910240847 - IEC 60730-2-15:2008 | 22/10/2019 |
| REI Lab. S.r.l. Test Report No. RD0807191374 - EN 55011 :2009+A1 :2010 | 30/07/2019 |

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Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

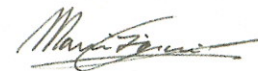
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Type Approval Certificate

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

| | |
|---------------------------|---|
| Manufacturer | F.Ili Giacomello Srl. |
| Address | Via Magenta, 77 Cap 15/A, Rho (MI), 20017, Italy |
| Type | Switches - Level |
| Description | Electromagnetic level indicator |
| Trade Name | LV/M-76/127/254-S1 |
| Application | Marine, Offshore and Industrial |
| Specified Standard | <ul style="list-style-type: none">• Manufacturer's Specification• IEC 60730-1:2010• IEC 60730-2-15:2008• EN 55011:2009+A1:2010 |
| Ratings | 40 W/VA, 2 A @ 230 VDC/VAC Rated pressure: 5bar |

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Type Approval Certificate

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