



1 EU-TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/UE

3 EU-Type Examination Certificate number **LOM 19ATEX1045** issue **0**

4 Product Level transmitter
Types L***

5 Manufacturer **TECFLUID, S.A.**

6 Address **Narcis Monturiol, 33
08980, Sant Just Desvern (Barcelona)
SPAIN**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.


8 Laboratorio Oficial J.M. Madariaga (LOM), Notified Body number 0163, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential Report No **18.3700**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
Standards **EN 60079-0:2012+A11:2013** **EN 60079-1:2014** **EN 60079-31:2014**
except in respect of those requirements listed at item 18 of the schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

 II 2G Ex db IIC T6...T3 Gb
II 2D Ex tb IIC T85 °C...T200°C Db

Getafe,
Digitally signed by:

Certification committee

RCPCR 25.7/4





LABORATORIO OFICIAL J. M. MADARIAGA

13 SCHEDULE

14 EU-Type Examination Certificate number: **LOM 19ATEX1045**

15 Description of product

Magnetic actuator float level transmitter based on an aluminium or stainless steel flameproof head and a stainless steel tube. The head is based on the XD type enclosure of Limatherm Components Sp. z.o.o with certificate FTZU 03ATEX0074U. The inside of the tube contains a printed circuit board that houses resistors and reed contacts. Reed contacts act by the effect of external, coaxial or process floats, which incorporate magnets

The head can incorporate different types of transmitters with two wires 4-20 mA current loop

Variants	
LE70	Sensor tube of diameter 21.3 mm, coaxial float and process connection with flange
LE71	Sensor tube of diameter 21.3 mm, coaxial float and threaded process connection
LEM70	Sensor tube of diameter 12 mm, coaxial float and process connection with flange
LEM71	Sensor tube of diameter 12 mm, coaxial float and threaded process connection
LTE	Sensor tube of diameter 12 mm with external magnets in the process

Electric characteristics: Maximum voltage: 36 V

Maximum power: 0,78 W

16 Report number **18.3700**

Individual tests

Each manufactured unit shall be subjected to individual pressure tests at 2220 kPa for a time not less than 10 s.

17 Specific conditions of use

None

18 Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

19 Drawings and documents

Number	Sheets	Issue	Date	Description
R-ET-LEATEX	7	0	2019-03-21	Technical dossier
ADF/LE70	1	0	2019-04-16	Resistive sensor enclosure LE70
ADF/LE71	1	0	2019-04-16	Resistive sensor enclosure LE71
ADF/LEM70	1	0	2019-04-16	Resistive sensor enclosure LEM70
ADF/LEM71	1	0	2019-04-16	Resistive sensor enclosure LEM71
ADF/LTE	1	0	2019-04-16	Resistive sensor enclosure LTE
R-MI-LE	14	2	-	User manual