

EU Type-Examination Certificate



according to Regulation (EU) 2016/426 Article 14, section 2.
on appliances burning gaseous fuels – Module B – production type

Certificate No.: MB 69258041 0001 **PIN:** 1008 CM 2501

Test Report No.: 28211922 002

Certificate Holder: Zhejiang Lefoo Controls Co., Ltd.
No. 220 Wei shiwu Road, Economic Development Zone,
Yueqing, Zhejiang Province, P.R. China

Manufacturer: Zhejiang Lefoo Controls Co., Ltd.
No. 220 Wei shiwu Road, Economic Development Zone,
Yueqing, Zhejiang Province, P.R. China

Product: **Group: Fittings for gas appliances**
Pressure sensing device (4107)

Identification: **Model: LF31**
See details in Annex I.

Tested according to: EN 1854:2010

Countries of destination: all EU member states, CH, NO and IS

Valid until 20th Nov. 2027

This EU type-examination certificate refers to the above mentioned product. This is to certify that the test sample is in conformity with the essential requirements of Annex I of the Regulation. The Certificate holder is entitled to use this certificate in connection with the EU declaration of conformity in accordance with the Regulation. This certificate does not imply assessment of the series production of the product and does not permit the use of a TÜV Rheinland mark of conformity. This certificate itself does not permit the affixing of CE marking followed by the identification number of the notified body.

Date of issue:
Budapest, 20th Nov. 2017



1. Sandor Endre Szabo

TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Váci út 48/A-B — www.tuv.hu
Notified under No. 1008 in EU

The CE marking may be used if all relevant and effective EC directives are complied with.

Annex I to certificate No. MB 69258041 0001

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PIN: 1008 CM 2501

Model No.	LF31	
Ambient temperature range	-30~85°C	
Media	Air, combustion products	
Maximum working pressure	50 mbar	
Mounting position	Within 10° of the vertical	
Gas/Air connections	one air connecting port on each side of housing, which may be horizontal or vertical to the housing	
Pressure range:	Increasing set point: 40...2500Pa Differential: 23 Pa +/-7Pa	
Declared accuracy and drift after cycles for silver alloy contact, SPDT, SPST	Initial Increasing Set Point: 40Pa	Initial Decreasing Set Point: 21Pa
	Accuracy: +/-10%	Accuracy: +/-15%
	Drift after cycles: 55%	Drift after cycles: 65%
Declared accuracy and drift after cycles for gold alloy contact, SPDT, SPST	Initial Increasing Set Point: 40Pa	Initial Decreasing Set Point: 21Pa
	Accuracy: +/-10%	Accuracy: +/-15%
	Drift after cycles: 40%	Drift after cycles: 65%
Electrical rating	Gold Alloy Contact, SPST-NO 0.1 A μ @125VAC/30VDC Silver Alloy, SPDT, SPST-NO 1.5 A μ @ 250VAC/24VDC	

Model Number Nomenclature:

LF31 May be followed by letter or number as below:

 Sample: LF31 - G V S 50 I 250 PA
 I II III IV V VI VII VIII

- I Basic model designation
- II Contact Material: G (gold-platinum-silver alloy contacts), S (Silver alloy)
- III Actuation means: V (vacuum), P (Positive pressure), D (Differential)
- IV Contact configuration: S=SPST, D=SPDT
- V (Optional item may have or not) Orifice diameter in thousands of an inch.
- VI Direction of actuation pressure: I increasing, D for decreasing
- VII Nominal set point (40-2500)
- VIII Unit of actuation pressure abbreviated:
 H2O - Inches of water column
 PSI - Pounds per square inches
 Pa - Pascals
 mbar - Millibars
 mmH2O - Millimeters of water column
 mmHg - Millimeters of mercury column

Certification history:

 27th Jun. 2011 Certification by MB 69240971 0001, 1008 CM 2501.
 Now Update to GAR certificate, and change the name of the company.

Date of issue:

 Budapest, 20th Nov. 2017

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