

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2119104-0
Report Reference MH46253-20210429
Date 6-May-2021

Issued to: ZHEJIANG LEFOO CONTROLS CO LTD
NO.220 WEISHIWU RD ECONOMIC DEVELOPMENT
ZONE YUEQING , ZHEJIANG,
China 325600

**This is to certify that
representative samples of**

MFHX8 - Switches Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA E60730-1:15 - 5th Ed - Issued 1 Dec 2015 - Revised 1 Nov 2017, CSA CAN/CSA-E60730-2-6:17, 2nd Ed., Issue Date: 2017-11-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC



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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2119104-0
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
LF31 series	Air-proving switches
LF31A series	Air-proving switches
LF32 series	Air-proving switches



Bruce Mahrenholz, Director North American Certification Program



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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2123339-0
Report Reference MH46253-20210429
Date 6-May-2021

Issued to: ZHEJIANG LEFOO CONTROLS CO LTD
NO.220 WEISHIWU RD ECONOMIC DEVELOPMENT
ZONE YUEQING , ZHEJIANG,
China 325600

**This is to certify that
representative samples of** MFHX2 - Switches - Component
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 60730-1 - 5th Ed - Issued 3 Aug 2016, UL 60730-2-6, 3rd Ed., Issue Date: 2016-12-22

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2123339-0
Report Reference MH46253-20210429
Date 6-May-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
LF31 series	Air-proving switches
LF31A series	Air-proving switches
LF32 series	Air-proving switches



Bruce Mahrenholz, Director North American Certification Program



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Designation System

LF31	-	G	V	S	1	I	250	PA
I	hyphen	II	III	IV	V	VI	VII	VIII

- I. Basic model designation:
LF31 series;
- II. Contacts material:
G: Gold-platinum-silver alloy;
S: Silver alloy;
- III. Diaphragm Actuation means:
V: Vacuum;
P: Positive pressure;
- IV. Contact configuration:
S: SPST;
- V. Series number for different Housing and Cover shape, 1 through 100, no related to control function.
- VI. Direction of actuation pressure:
I: Increasing – no less than the rated pressure would trigger the contacts;
D: Decreasing – no exceed than the rated pressure would trigger the contacts;
- VII. Nominal set point:
0 through 3000, in related to the pressure unit;
- VIII. Unit of actuation pressure abbreviated:
H₂O – Inches of water column;
PSI – Pounds per square inches;
PA – Pascals;
Mbar – Millibars;
Bar – Bards;
MMHg – Millimeters of mercury;
MMH₂O – Millimeters of water column;
Torr – Torr;

Designation System (CONT'D):

LF31A	-	G	V	S	1	I	250	PA
I	hyphen	II	III	IV	V	VI	VII	VIII

- I. Basic model designation:
LF31A series;
- II. Contacts material:
G: Gold-platinum-silver alloy;
S: Silver alloy;
- III. Diaphragm Actuation means:
V: Vacuum;
P: Positive pressure;
- IV. Contact configuration:
S: SPST-NO;
C: SPST-NC;
D: SPDT;
- V. Series number for different Housing and Cover shape, 1 through 100, no related to control function;
- VI. Direction of actuation pressure:
I: Increasing – no less than the rated pressure would trigger the contacts;
D: Decreasing – no exceed than the rated pressure would trigger the contacts;
- VII. Nominal set point:
0 through 3000, in related to the pressure unit;
- VIII. Unit of actuation pressure abbreviated:
H2O – Inches of water column;
PSI – Pounds per square inches;
PA – Pascals;
Mbar – Millibars;
Bar – Bards;
MMHg – Millimeters of mercury;
MMH2O – Millimeters of water column;
Torr – Torr;

Designation System (CONT'D):

LF32		01
I	Blank Space	II

I. Basic model designation:
LF32 series;

II. Nominal set point:
01 to 50: The Max. value in the pressure range, represent the data in thousands and hundreds, unit Pa.

For example:

01: 10 – 100 Pa;

50: 1,000 – 5,000 Pa;