



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 16.0118X

Issue No: 0

Certificate history:

Issue No. 0 (2017-11-09)

Status: **Current**

Page 1 of 4

Date of Issue: **2017-11-09**

Applicant: **Fluke Corporation**
6920 Seaway Blvd.
Everett
Washington 98203
United States of America

Equipment: **Fluke 750PEX Series Pressure Modules**

Optional accessory:

Type of Protection: **Intrinsically Safe**

Marking:
Ex ia IIC T4 Ga
Ta = -10°C to +50°C

*Approved for issue on behalf of the IECEx
Certification Body:*

C Ellaby

Position:

Deputy Certification Manager

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom

sira
CERTIFICATION





IECEX Certificate of Conformity

Certificate No: IECEX SIR 16.0118X Issue No: 0

Date of Issue: 2017-11-09 Page 2 of 4

Manufacturer: **Anhui Shifu Instruments Co Ltd**
No 66 Longteng Road
Jiujiang Economic Development Zone
Wuhu, Anhui
China

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/SIR/ExTR17.0147/00](#)

Quality Assessment Report:

[NL/DEK/QAR17.0015/00](#)



IECEX Certificate of Conformity

Certificate No: IECEX SIR 16.0118X

Issue No: 0

Date of Issue: 2017-11-09

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Model 750PEX (See below for model numbers) is a handheld pressure module manufactured and marketed by Fluke Corporation. The Product measures pressure with an internal microprocessor compensated sensor. Gage pressure modules have one pressure fitting and measure pressure with respect to atmospheric pressure. Differential pressure modules have two pressure fittings and measure the difference between the applied pressures on the high fitting versus the low fitting. A differential pressure module functions like a gage module when the low fitting is open. The six absolute pressure modules measure pressure with respect to an absolute vacuum. The two vacuum pressure modules measure negative pressure. The Entity Parameters to power up the 750PEX are:

Ui = 7.5 V

Ii = 200 mA

Pi = 0.375 W

Ci = 5.8 μ F

Li = 6 μ H

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Under certain extreme circumstances, exposed plastic and unearthed metal parts of the enclosure may store an ignition-capable level of electrostatic charge. Therefore, the user/installer shall implement precautions to prevent the build-up of an electrostatic charge, e.g. locate the equipment where a charge-generating mechanism (such as wind-blown dust) is unlikely to be present and clean with a damp cloth.



IECEX Certificate of Conformity

Certificate No: IECEX SIR 16.0118X

Issue No: 0

Date of Issue: 2017-11-09

Page 4 of 4

EQUIPMENT (continued):

750PEx Model Codes	Parameter/Range psi (unless otherwise stated)
750P01Ex	0 to 10 Inch H ₂ O (0 to 25 mBar)
750P24Ex	0 to 15 psi (0 to 1 Bar) – Gage/Differential
750P05Ex	0 to 30 psi (0 to 2 Bar) - Gage
750P06Ex	0 to 100 psi (0 to 7 Bar) - Gage
750P27Ex	0 to 300 psi (0 to 20 Bar) - Gage
750P09Ex	0 to 1500 psi (0 to 100 Bar) - Gage
750P29Ex	0 to 3000 psi (0 to 200 Bar) - Gage
750PA4Ex	0 to 15 psia (0 to 1 Bar) - Absolute