



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 16ATEX2383X** Issue: **0**

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

5 Applicant: **Fluke Corporation**

6 Address: 6920 Seaway Blvd.
Everett
Washington 98203
USA

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

8 Sira Certification Service, notified body number 0518 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013 EN 60079-11:2012

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

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

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

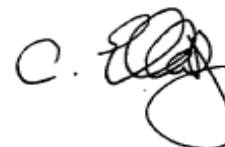
12 The marking of the equipment shall include the following:



II 1G
Ex ia IIC T4 Ga
Ta = -10°C to +50°C

Project Number 70106772

This certificate and its schedules may only be reproduced in its entirety and without change.



C Ellaby
Deputy Certification Manager

Sira Certification Service

Unit 6 Hawarden Industrial Park,
Hawarden, CH5 3US, United Kingdom

Tel: +44 (0) 1244 670900
Fax: +44 (0) 1244 681330
Email: ukinfo@csagroup.org
Web: www.csagroupuk.org



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

**Sira 16ATEX2383X
Issue 0**

13 DESCRIPTION OF EQUIPMENT

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 µF Li = 6 µH

750PEX Model Codes	Parameter/Range psi (unless otherwise stated)
750P01Ex	0 to 10 Inch H2O (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

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	09 November 2017	R70106772A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 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.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

Sira 16ATEX2383X
Issue 0

17 **CONDITIONS OF MANUFACTURE**

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.
- 17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

This certificate and its schedules may only be reproduced in its entirety and without change.

Sira Certification Service

Unit 6 Hawarden Industrial Park,
Hawarden, CH5 3US, United Kingdom

Tel: +44 (0) 1244 670900
Fax: +44 (0) 1244 681330
Email: ukinfo@csagroup.org
Web: www.csagroupuk.org

Certificate Annexe



Certificate Number: Sira 16ATEX2383X

Equipment: Fluke 750PEX Series Pressure Modules

Applicant: Fluke Corporation

Issue 0

Drawing no.	Sheets	Rev.	Date (Sira Stamp)	Description
D2075237	1 of 1	009	05 Jun 17	FLK-750PEX-T08, ASSY DRAWING, 750PEX, ASSY TYPE T08
D2075238	1 of 1	009	05 Jun 17	FLK-750PEX-85, ASSY DRAWING, 750PEX, ASSY TYPE 85
D2075239	1 of 1	009	05 Jun 17	FLK-750PEX-87, ASSY DRAWING, 750PEX, ASSY TYPE 87
D2067313	1 to 3	005	01 Aug 17	TOP CASE, PRESSURE MODULE, RED, 2ND SHOT
D2067314	1 to 3	005	01 Aug 17	BOTTOM CASE, PRESSURE MODULE, RED
D2015559	1 of 2	109	01 Aug 17	FLUKE-700-2013,STRAP, PRESSURE MODULE
D2075241	1 to 2	003	05 Jun 17	PRESSURE MODULE, SCHEMATIC, 750PEX
D2075097	1 to 6	003	05 Jun 17	4040090,PCB, FLUKE-750PEX, PASCAL
D2075242	1 to 2	010	05 Jun 17	ASSEMBLY,FLUKE-750PEX, MAIN BOARD, PASCAL
4562480	1 to 2	003	01 Aug 17	Instruction Sheet,Fluke-750P EX Series, Pressure Module
D2075243	1 of 1	005	01 Aug 17	CONTROL DWG,FLUKE-750PEX CCD
D2069056	1 to 3	005	05 Jun 17	DECAL SET 750PEX-800X

This certificate and its schedules may only be reproduced in its entirety and without change.

Sira Certification Service

Unit 6 Hawarden Industrial Park,
Hawarden, CH5 3US, United Kingdom

Tel: +44 (0) 1244 670900
Fax: +44 (0) 1244 681330
Email: ukinfo@csagroup.org
Web: www.csagroupuk.org