

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 25ATEX0015X** Issue Number: **1**

(4) Product: **Pressure Transmitters, type FK*****_*****_**_***

(5) Manufacturer: **Fuji Electric Co., Ltd.**

(6) Address: **1, Fuji-machi, Hino-City Tokyo 191-8502, Japan**

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

(8) DEKRA Certification B.V., Notified Body number 0344 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 test report mentioned in item (16).

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0 : 2018 + A11

EN 60079-1 : 2014 + A11

EN 60079-11 : 2012

EN 60079-31 : 2014

EN IEC 60079-31 : 2024

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 1 G

Ex ia IIC T5...T4 Ga

II 1 D

Ex ia IIIC T₂₀₀ 100 °C...T₂₀₀ 135 °C Da

II 2 G

Ex db IIC T6...T4 Gb

II 2 D

Ex tb IIIC T85 °C...T120 °C Db

Date of certification: 13 February 2026

DEKRA Certification B.V.

R. Schuller
Certification Manager



Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 25ATEX0015X** Issue No. 1

(15) **Description**

Pressure Transmitters, type FK*****-****-**-*, are used to convert differential pressure, absolute pressure, or level pressure of the process into a 4 to 20 mA output signal, which may include digital communication signals.

There are several sensor types, and there are two types of detection circuits that depend on the sensor type.

An LCD display unit or a local configurator unit, and an arrester unit can be mounted as options. There are two types of enclosures. One type is named "T-type", in which the terminal cover and the amplifier cover are on the same horizontal axis. The other type is named "L-type", in which the orientation of the terminal cover and the amplifier cover differ by 90 degrees.

The enclosures have two cable entries. The thread sizes are NPT ½, M20 x 1.5, Pg 13.5, or G ½, but Pg 13.5 and G ½ are only applicable to the type of protection intrinsic safety "i". Assessment of blanking elements for each thread size are included.

The ingress protection of the enclosures is IP66 in accordance with EN IEC 60079-0 and EN 60529.

For type designation, thermal data, electrical data and separately certified Ex component, see Annex 1.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/DEK/ExTR25.0004/01.

(17) **Specific conditions of use**

- The flameproof joints are not intended to be repaired.
- The property class of the special fasteners used is A4-70.
- Installations for models incorporating the Arrester Board shall consider that these models do not assure electrical insulation of minimum 500 Vac between the input circuitry and enclosure.
- In case of Ga application, sufficient actions shall be taken to avoid, even in case of rare fault, an ignition hazard due to impact or friction.
- In case of painted aluminium alloy enclosures and covers, the apparatus shall be installed avoiding the risk of electrostatic discharge and propagating brush discharge.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in test report mentioned in item (16).