

CERTIFICATE

EU-Type Examination

- (1) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**
- (2) EU-Type Examination Certificate Number: **DEKRA 14ATEX0006 X** Issue Number: **2**
- (3) Product: **Indicator Model E-series**
- (4) Manufacturer: **Fluidwell B.V.**
- (5) Address: **Voltaweg 23, 5466 AZ Veghel, The Netherlands**
- (6) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (7) 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 number NL/DEK/ExTR14.0001/01.
- (8) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|------------------------------|--------------------------|---------------------------|
| EN IEC 60079-0 : 2018 | EN 60079-1 : 2014 | EN 60079-31 : 2014 |
| IEC 60079-31 : 2022 | | |
- except in respect of those requirements listed at item 18 of the Schedule.
- (9) 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.
- (10) 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.
- (11) The marking of the product shall include the following:



II 2 G Ex db IIC T6 Gb
II 2 D Ex tb IIIC T85°C Db

Date of certification: 18 January 2023

DEKRA Certification B.V.

L.G. van Schie
Certification Manager



© Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 14ATEX0006 X**

Issue No. 2

(15) **Description**

The indicator Model E-series is an indicator for flow, level, pressure and temperature measurement. The indicator consists of an electronic insert in a flameproof enclosure made of aluminium or stainless steel.

The indicators are supplied by an internal battery and/or by an external supply or by the circuit supply. Optionally, the indicators can be equipped with digital outputs, sensor supply output, communications interface and various types of sensor inputs.

Ambient temperature range aluminum enclosure: -40 °C to +70 °C.

Ambient temperature stainless steel enclosure: -40 °C to +67 °C.

The enclosure of the indicator provides a degree of protection of at least IP66/IP67 in accordance with EN 60529.

For the Type designation refer to Annex 1 to Report No. NL/DEK/ExTR14.0001/01.

Electrical data

Supply circuit: Lithium battery or 9-27 Vdc
Power dissipation: 6,1 W maximum (internal max. 4,1 W)
Relay load: max. 250 Vac / 30 Vdc, 1 A

Installation instructions

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

(16) **Report Number**

NL/DEK/ExTR14.0001/01.

(17) **Specific conditions of use**

- The property class of the hexagon socket head screws of process connection A (cylindrical joint) is A2-70 or better;
- The details of the flameproof joints are specified in the manufacturer's instructions;
- Electrostatic charging of the enclosure shall be avoided, see manufacturer's instructions.
- The conditions for connecting the enclosure and mounting on flowmeters are specified in the manufacturer's instructions.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ ExTR14.0001/01.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 14ATEX0006 X**

Issue No. **2**

(20) **Certificate history**

Issue 1 - 216786000	initial certificate
Issue 2 - 226591500	assessment to updated standards, change of ambient temperature, change of electronics, types with feed-through are removed