



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 DEK 14.0001X Issue No: 0 Certificate history:
Issue No. 0 (2014-03-04)

Status: **Current** Page 1 of 3

Date of Issue: **2014-03-04**

Applicant: **Fluidwell B.V.**
Votaweg 23
5466 AZ Veghel
The Netherlands

Electrical Apparatus: **Indicator Model E-series**
Optional accessory:

Type of Protection: **Ex d, Ex tb**

Marking: **Ex d IIC T6/T5 Gb**
Ex tb IIIC T85 °C/T100 °C Db


Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)



2014-03-04

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:

DEKRA Certification B.V.
Meander 1051,
6825 MJ Arnhem
The Netherlands





IECEX Certificate of Conformity

Certificate No: IECEX DEK 14.0001X

Issue No: 0

Date of Issue: 2014-03-04

Page 2 of 3

Manufacturer: **Fluidwell B.V.**
Votaweg 23
5466 AZ Veghel
The Netherlands

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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'

*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:

[NL/DEK/ExTR14.0001/00](#)

Quality Assessment Report:

[NL/DEK/QAR12.0019/01](#)



IECEx Certificate of Conformity

Certificate No: IECEx DEK 14.0001X

Issue No: 0

Date of Issue: 2014-03-04

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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 range of indicators are all indicated with a capital E prefix, 3 digits and several suffixes as per the manufacturers order code. One suffix always included is "-XD" to indicate hazardous area usage: Model E... - XD.

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 a pulse output, a sensor supply output and an input for backlight supply.

Ambient temperature range -40 °C to +70 °C.

The enclosure of the indicator provides a degree of protection of at least IP65 in accordance with IEC 60529.

Electrical data

Power supply: Lithium battery or 8-30 Vdc or 65-250 Vac, 50/60 Hz,
4.5 W maximum for T6 or 9.2 W maximum for T5.

CONDITIONS OF CERTIFICATION: YES as shown below:

- 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 manufacturers instructions;
- The painted aluminium enclosure shall be installed in such a way that danger of ignition due to electrostatic discharge is avoided.