



# 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](http://www.iecex.com)

Certificate No.: IECEx CSA 16.0056 Issue No: 0 Certificate history:  
Issue No. 0 (2016-11-30)

Status: **Current** Page 1 of 3

Date of Issue: **2016-11-30**

Applicant: **Endress + Hauser Flowtec AG**  
Kaegenstrasse 7  
CH-4153 Reinach  
**Switzerland**

Equipment: **Magnetic inductive flowmeter - model Dosimag**  
*Optional accessory:*

Type of Protection: **Ex nA**

Marking:  
Ex nA IIC T1...T5 Gc;  
-40°C < Tamb < +60°C;  
-20°C < Tmedium < +130°C

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

Dorin Stochitoiu

*Position:*

Technical Advisor

*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:

**CSA Group**  
178 Rexdale Boulevard  
Toronto, Ontario M9W 1R3  
Canada





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Manufacturer: **Endress + Hauser Flowtec AG**  
Kaegenstrasse 7  
CH-4153 Reinach  
**Switzerland**

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 60079-15 : 2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:4

*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:

[CA/CSA/ExTR16.0063/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0004/06](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Magnetic inductive flowmeter model Dosimag 5bHdd-efghijklmnop +###, supply rated 20...30Vdc, 4.5W, 4.5W maximum. Install as per Drawing FES0265A.

Maximum Process pressure 16 bar.

For maximum Ambient temperature of +60°C, the Tcode is linked to the Medium temperature as follows:

-T5 for Tmedium +70°C maximum

-T4 for Tmedium +105°C maximum

-T3 for Tmedium +130°C maximum

Note: b, d, e, f, g, h, i, j, k, l, o, p, r in the model code may be any number or letter representing specific options.

**CONDITIONS OF CERTIFICATION: NO**