



# 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.:  issue No.:

Status:

Date of Issue: **2012-07-06** Page 1 of 3

Applicant: **Val Controls A/S**  
Limfjordsvej 3  
6715 Esbjerg N  
Denmark

Electrical Apparatus: **Ex d Valve Controller**  
*Optional accessory:*

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

Marking: **Ex d IIC T4/T5/T6 Gb**  
**Ex tb IIIC T135°C/T100°C/T85°C Db**


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

Karl-Heinz Schwedt

*Position:*

Head of IECEx CB

*Signature:  
(for printed version)*

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2012 06 07

*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:

**TÜV NORD CERT GmbH**  
Hanover Office  
Am TÜV 1  
30519 Hannover  
Germany





# IECEX Certificate of Conformity

Certificate No.: IECEX TUN 12.0022X

Date of Issue: 2012-07-06

Issue No.: 0

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Manufacturer: **Val Controls A/S**  
Limfjordsvej 3  
6715 Esbjerg N  
**Denmark**

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:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> 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:

[DE/TUN/ExTR12.0025/00](#)

Quality Assessment Report:

[DE/TUN/QAR11.0006/00](#)



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Certificate No.: IECEX TUN 12.0022X

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## Schedule

### EQUIPMENT:

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

Ex d Valve Controller is an electronic programmable Valve Controller built into an Ex d enclosure. The Valve Controller is available in 3 different versions: IDP24-AF, IHP24-AF and IVC24-AF. Only difference is the software, hardware is identical.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. Only suitable certified cable glands may be used.
2. The permissible ambient temperature ranges have to be taken from the following table:

Marking with:	ambient temperature range
T6 / T85 °C	-40 °C to +40 °C
T5 / T100 °C	-40 °C to +65 °C
T4 / T135 °C	-40 °C to +85 °C

