



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 TUN 12.0022X Issue No: 2 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 2 (2016-02-03)
Date of Issue: **2016-02-03** Issue No. 1 (2015-09-21)
Applicant: **Val Controls A/S** Issue No. 0 (2012-07-06)
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:

Andreas Meyer

Position:

Head of IECEx CB

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:

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





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

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 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

*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/ExTR12.0025/01](#)

Quality Assessment Report:

[DE/TUN/QAR11.0006/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Ex d Valve Controller type IXX24-AF is an electronic programmable Valve Controller built into an Ex d enclosure. The Valve Controller is available in different versions. Hardware is identical for all versions, only difference is the software. Software type is defined by the "XX" in type designation.

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:

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



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Spelling errors corrected.