

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 21UKEX1092X** Issue: **0**

6 Product: **Ex d Valve Controller type IXX24-AF**

7 Manufacturer: **Val Controls A/S**

8 Address: **Sallingsundvej 5, 6715 Esbjerg N, Denmark**

9 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

10 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), 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 Schedule 1 of the Regulations.

11 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018

EN 60079-1:2014

EN 60079-31:2014

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

12 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

13 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

14 The marking of the equipment shall include the following:



II 2 G Ex db IIC T4/T5/T6 Gb

II 2 D Ex tb T135°C/T100°C/T85°C Db



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET
Managing Director

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The status of this certificate can be verified at www.exveritas.com

For help or assistance relating to this certificate, contact info@exveritas.com.

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

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Schedule

13 Description of Product

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

Technical data:

As outlined in Hardware Manual

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3046/A/1	2022-02-28	0	Initial issue of the Prime Certificate

14.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
Ex nameplate IXX24-AF	2612109	6	03.01.22
Type nameplate IXX24-AF/IHP24-BF	261068	3	27.08.19
IHP24-FL – Blind Cover	DHP-DD-003	01	23.04.09
IHP-24-FL – Window cover	DHP-DD-004	01	23.04.09
VP087-DD-001 2/2	Dimensional drawing - Inside	1	29.02.2012
VP075-DD-002 1/2	Dimensional drawing	1	10.8.2011

15 Specific Conditions of Use

15.1 Special Conditions for Safe Use

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

Temperature class:	Ambient temperature range:
T6 / T85°C	-40°C to +40°C
T6 / T100°C	-40°C to +65°C
T6 / T135°C	-40°C to +85°C

15.2 Routine tests

- None

16 Essential Health and Safety Requirements (Regulations Schedule 1)

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform ExVeritas of any modifications to the design of the product described by this schedule.

Certificate: **ExVeritas 21UKEX1092X**

Issue 0

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