

## 1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 21 ATEX 0821X Issue: 0

4 Equipment: EX d Valve Controller type IXX24-AF

5 Manufacturer: Val Controls A/S

6 Address: Sallingsundvej 5, Esbjerg N 6715, Denmark

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2018

EN 60079-1: 2014

EN 60079-31: 2014

10 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.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

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

II 2 D Ex tb IIIC T135°C/T100°C/T85°C Db

## Schedule

### 13 Description of Equipment or Protective System

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
3046/A/1	28-02-2022	0	Initial issue of the Prime Certificate

#### 14.2 Compliance Drawings:

##### Issue 0

Number	Date	Issue	Description
2612109	03.01.22	6	Ex nameplate IXX24-AF
261068	27.08.19	3	Type nameplate IXX24-AF/IHP24-BF
DHP-DD-003	23.04.09	01	IHP24-FL – Blind Cover
DHP-DD-004	23.04.09	01	IHP-24-FL – Window cover
Dimensional drawing - Inside	29.02.2012	1	vP087-DD-001 2/2
Dimensional drawing	10.8.2011	1	VP075-DD-002 1/2

### 15 Conditions of Certification

#### 15.1 Special Conditions for Safe Use

1. Only suitable certified cable glands may be used.
2. The permissible ambient temperature range have 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 Conditions for Use *None*

### 16 Essential Health and Safety Requirements

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 the Notified Body of any modifications to the design of the product described by this schedule.

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For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).

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