

Tuesday, 25 May 2021

## Verification of EMC Compliance

With EU Electromagnetic Compatibility  
Directive 2014/30/EU

**Product description:** Motorised Valve

**Type and Model:** ABVM04S/ ABVM06S/ ABVM08S, ABV12, ABV14 and ABV20

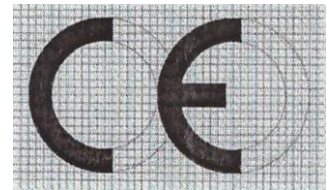
**Parameters:** AC/DC 110-230 volt

**Applicable standard:** EN55014-1:2006/A2:2011; EN 55014-2:1997/A2:2008

We hereby confirm that the technical construction file and manufacturing, Inspection and testing processes for the above mentioned equipment comply with the essential safety requirements of EU electromagnetic compatibility Directive 2014/30/EU & applied codes and standards:

## Certificate of CE Compliance

Directive 93/68/EEC



**Product description:** Motorised Valve

**Type and Model:** ABVM04/ ABVM06/ ABVM08, ABV12, ABV14 and ABV20

**Parameters:** AC/DC 12-24 & 110-230 volt

**Type and Model:** ABVM04/ ABVM06/ ABVM08, ABV12, ABV14 and ABV20

We hereby confirm CE compliance for the range of electric actuators manufactured by our TUV approved manufacturer who are committed to quality, design, manufacture, assembly and function, pressure and leak testing of the actuator assembly and have invested heavily in comprehensive CE compliance, including but not limited to:

IP67 – certificate of compliance to EN60529:1991+A1:2001

LVD Compliance with low voltage directive 2014/35/EU

UKAS accredited quality ISO9001:2008

Sigma test: 3 Bar 20,000 cycles at 2°C samples still work as normal, no abnormal sound, leakage or damage.

Sigma test: 5 Bar 40,000 cycles at 20°C samples still work as normal, no abnormal sound, leakage or damage.

Sigma test: 7 Bar 20,000 cycles at 50°C samples still work as normal, no abnormal sound, leakage or damage.

Sigma test: 10 Bar 20,000 cycles at 92°C samples still work as normal, no abnormal sound, leakage or damage.



Q.A. Inspector  
Michael Freye

*Michael Freye*

Dated  
25/05/2021

