



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.: issue No.: Certificate history:

Status:

Date of Issue: Page 1 of 3

Applicant: **Emerson Process Management Valve Automation**
Asveldweg 11
7556 BR Hengelo
The Netherlands

Electrical Apparatus: **Actuator Control Module, Series FieldQ QC41..., QC42... and QC43...**
Optional accessory:


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

Marking: **Ex d IIB+H2 T6 or T4 Gb**
Ex t IIIC T80 °C Db IP66

Approved for issue on behalf of the IECEx Certification Body: **C.G. van Es**

Position: **Certification Manager**

Signature:
(for printed version)



2012-02-23

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:

DEKRA Certification B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.





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Certificate No.: IECEx DEK 11.0043X

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Manufacturer: **Emerson Machinery Equipment (Shenzhen) Co. Ltd**
North Hong Lang 2nd Road
Bao'an District #68
Shenzhen, 518101
China

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6
IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: 1

*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:
[NL/DEK/ExTR11.0035/00](#)

Quality Assessment Report:
[GB/BAS/QAR06.0020/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Actuator Control Module, Series FieldQ QC41..., QC42... and QC43... is used to control an actuator to its open or closed position and is intended to be mounted to a FieldQ valve actuator. The position feedback is achieved by switches. The control module has a degree of protection IP66 when mounted to a FieldQ valve actuator with minimum IP66.

Ambient temperature range -30 °C to +60 °C.

Electrical data

Rated voltage control module: 24 Vdc, 115 Vac or 230 Vac.

CONDITIONS OF CERTIFICATION: YES as shown below:

The manufacturer shall be contacted for information on the dimensions of the flameproof joints.

Precaution shall be taken to avoid danger of ignition due to electrostatic charges on the marking plate of the enclosure.