



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 FMG 11.0001X	Issue No: 2	<u>Certificate history:</u> Issue No. 2 (2016-02-19) Issue No. 1 (2013-11-19) Issue No. 0 (2011-02-09)
Status:	Current	Page 1 of 5	
Date of Issue:	2016-02-19		
Applicant:	StoneL 26271 US Hwy 59 Fergus Falls MN 56537 United States of America		
Electrical Apparatus: <i>Optional accessory:</i>	Series QX Valve Position Monitor		
Type of Protection:	Ex d IIC T5 Ta* Gb; Ex d IIC T6* Gb		
Marking:	Ex d IIC T5 Ta = -40 to +80C Gb; IP67 Ex d IIC T5 Ta = -25 to +70C Gb; IP67_E and F sensors Ex d IIC T5 Ta = -25 to +68C Gb; IP67_N sensors Ex d IIC T5 Ta = -40 to +69C Gb; IP67_A sensors Ex d IIC T6 Ta = -40 to +65C Gb; IP67 Ex d IIC T6 Ta = -25 to +70C Gb; IP67_E and F sensors Ex d IIC T6 Ta = -25 to +56C Gb; IP67_N sensors Ex d IIC T6 Ta = -25 to +567 Gb; IP67_A sensors		

Approved for issue on behalf of the IECEx
Certification Body:

J. E. Marquedant

Position:

Manager - Electrical Systems

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:



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FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America





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Manufacturer: **StoneL**
26271 US Hwy 59
Fergus Falls MN 56537
United States of America

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 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

*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:

[US/FMG/ExTR11.0001/00](#)

[US/FMG/ExTR11.0001/01](#)

[US/FMG/ExTR11.0001/02](#)

Quality Assessment Report:

[GB/FME/QAR11.0003/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

QXabcdefg. Valve Position Monitor

a = Function 2A, 4A, 5A, 7A, BA, CA, 2J, 4J, 5J, 7J, BJ, CJ, 2K, 4K, 5K, 7K, BK, CK, 2M, 4M, 5M, 7M, BM, CM, 2N, 4N, 5N, 6N, 7N, BN, CN, 2V, 4V, 5V, 6V, 7V, BV, CV, 8V, 2W, 4W, 5W, 6W, 7W, 8W, BW, CW, 14, 2P, 4P, 5P, 7P, BP, CP, 2L, 4L, 5L, 7L, BL, CL, 2H, 4H, 5H, 7H, 8H, BH, CH, 2S, 4S, 5S, 7S, BS, CS, 8Y, 2G, 4G, 5G, 7G, BG, CG, 2E, 4E, 5E, 7E, BE, CE, 2F, 4F, 5F, 7F, BF, CF, 33, 53, 73, B3, C3, 35, 5T, 7T, BT, CT, 44, 54, 74, B4, C4, 45, 5R, 7R, BR, CR, 82, 83, 86, 87, 92, 93, 96, 97, 5O, 7O, BO, CO, 2X, 4X, 6X, 5X, 7X, BX or CX .

b = Enclosure K, N, R or T.

c = Junction 02, 03, 05, or 06.

d = Shaft output X, S, N, or H.

e = Visual Indicator R, G, C, 1, 2, 3, 4, 5, X, B, E, Y, H, J, K, M, P, , N, D, A, S, T, U, V, W or 0.

f = Branding A or M.

g = Options 'Special Unit Digits'. Note: 'Special Unit Digits' do not affect the integrity of the housing, the electrical safety, or the title plate.

SQa. Valve Position Monitor (Imtex).

a = Construction 1695SR, 1795SR, 2595SR, 4095SR, 4295SR, 5595SR, 7095SR, or 9695SR.

CONDITIONS OF CERTIFICATION: YES as shown below:

Specific Conditions of Use:

1. To minimize the risk of electrostatic sparking, the equipment shall be cleaned only with a damp cloth.
2. Consult the manufacturer if dimensional information on the flameproof joints is necessary.



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

Changes include:

Revision of the existing 92 Dual Module option and the addition of potentiometer options and new Dual Module options 35 and 45.

The external visual indicator was increase in size to make it a larger visual indicator.

Update ambient temperature ratings for "N", "A", "E", "F" P+F sensors in order to match manufacturer ratings.

Consolidate model options shown on certificate by removing "Legacy" product options, and removing the name "Silver" from the heading on the remaining and new model options.

New drawing and revisions to existing drawings to support the revisions and new module options.