

CERTIFICATE OF CONFORMITY

1. ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

2. Certificate No: FM20NCA0003
3. Equipment:
(Type Reference and Name) Stonel Quartz QG Series Valve Position Monitor
4. Name of Listing Company: Valmet Flow Control Inc. (MN)
5. Address of Listing Company: 26271 US Highway 59,
Fergus Falls, Minnesota 56537, USA
6. The examination and test results are recorded in confidential report number:
3033392 dated 5th September 2008

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

CSA C22.2 No. 0.4:2017 (R2022), CSA C22.2 No. 0.5:2016 (R2020), CSA C22.2 No. 94:1991 (R2011),
CSA C22.2 No. 94.2:2015, CSA C22.2 No. 60529:2005, CSA C22.2 No. 61010-1:2012

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Equipment Ratings:

Type 4 / 4X / 6 / IP66 / IP67
-40°C ≤ Ta ≤ +80°C

10. Description of Equipment:

The Quartz QG Series Valve Position Monitor is intended for non-hazardous locations only. The monitor utilizes a single compartment enclosure with a series of different electrical switch options that may be mounted in the enclosure to provide monitoring of a valve's position. The material of the enclosure consists of an aluminum alloy base and a polycarbonate cover. An external visual indicator is also provided at the base of the enclosure. The electrical ratings vary by switch option, and are clearly specified on the product nameplate.

For a = 2V, 4V, or 6V: Electrical rating = 10A @ 125/250 VAC, 0.5A@125 VDC

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

15 April 2024

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA

T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmaprovals.com www.fmaprovals.com

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SCHEDULE

to Canadian Certificate Of Conformity No: FM20NCA0003



For a = 2W or 4W: Electrical rating = 1.0A @ 125 VAC

For a = 14: Electrical rating = 4.5A @ 125/250 VAC

QGabcdef-g. Valve Position Monitor

a = Function: 2V, 4V, 6V, 2W, 4W, 6W or 14.

b = Enclosure: C or P.

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

d = Shaft output: S, N or H.

e = Visual indicator: X, G, R, C, 1, 2, 3, 4, 5, 0, N, D, A, S, T, U, V or W.

f = Branding: A or M.

g = Options: A dash symbol (-) followed with up to 5 alpha or numeric identification digits after model number for special and marketing purposes. Option digits are not normally applied.

Note: 'Options' do not affect the integrity of the housing, the electrical safety, or the title plate.

11. Specific Conditions of Use:

12. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Requirements.

13. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

14. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
24 January 2008	Original Issue
18 February 2009	<u>Supplement 1:</u> Report Reference: 797-22876-283 dated 30 th January 2009. Description of the Change: Added new variant.
21 April 2020	<u>Supplement 2:</u> Report Reference: RR222856 dated 21 st April 2020. Description of the Change: Company name change. The original certificate 3031039C is updated to the new format.
15 April 2024	<u>Supplement 3:</u> Report Reference: RR235861 dated 15 April 2024. Description of the Change(s): Company name change. Standard updates.

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