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Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Joel Feldman, Vice President, Engineering (company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority in the manufacturing plant where the fitting is produced) of: Swagelok Company (name of manufacturer)



located at: Headquarters: 29500 Solon Road Solon, Ohio 44139 USA (Plant Address - Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the Saskatchewan Boiler and Pressure Vessel Safety Act (check one)

- Comply with the requirements of ASME B31.3 (title of recognized North American Standard) which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category F. Measuring Devices

In support of this application, the following information, calculations and / or test data are attached: ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

II. Declaration

DECLARED before me at this day of Unable to get a notary signature or seal due to COVID-19 situation (print name) (Signature of Commissioner of Oaths)

DocuSigned by: [Signature] /25/2021 | 10:45 AM EDT C87CBBFFD3F14B7...

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Boiler and Pressure Vessel Safety Act and CSA B51, Clause 4.2, and is accepted for registration in Category

Technical Safety Authority of Saskatchewan Registration No. OF21398.23 File No. 12020 Date: May 4, 2021 Expiry Date: April 14, 2031 Codes & Standards Compliance Office

(Date Registered - MM DD YYYY) (Expiry Date - MM DD YYYY) (For the Administrator / Chief Inspector)

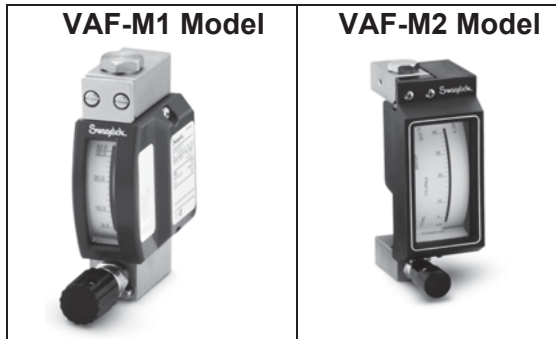
As noted - refer to registration letter

**Attachment B. Scope of Registration for Swagelok M1, M2 Model
 Variable Area Flow Meters (Category F)**

Product Scope

This document represents the scope of Swagelok’s M1 and M2 model Variable Area Flowmeters covered by this CRN approval. These flowmeters have been evaluated in accordance with appropriate North American standards. See the table below for specific design codes of construction for each product series.

Product Description

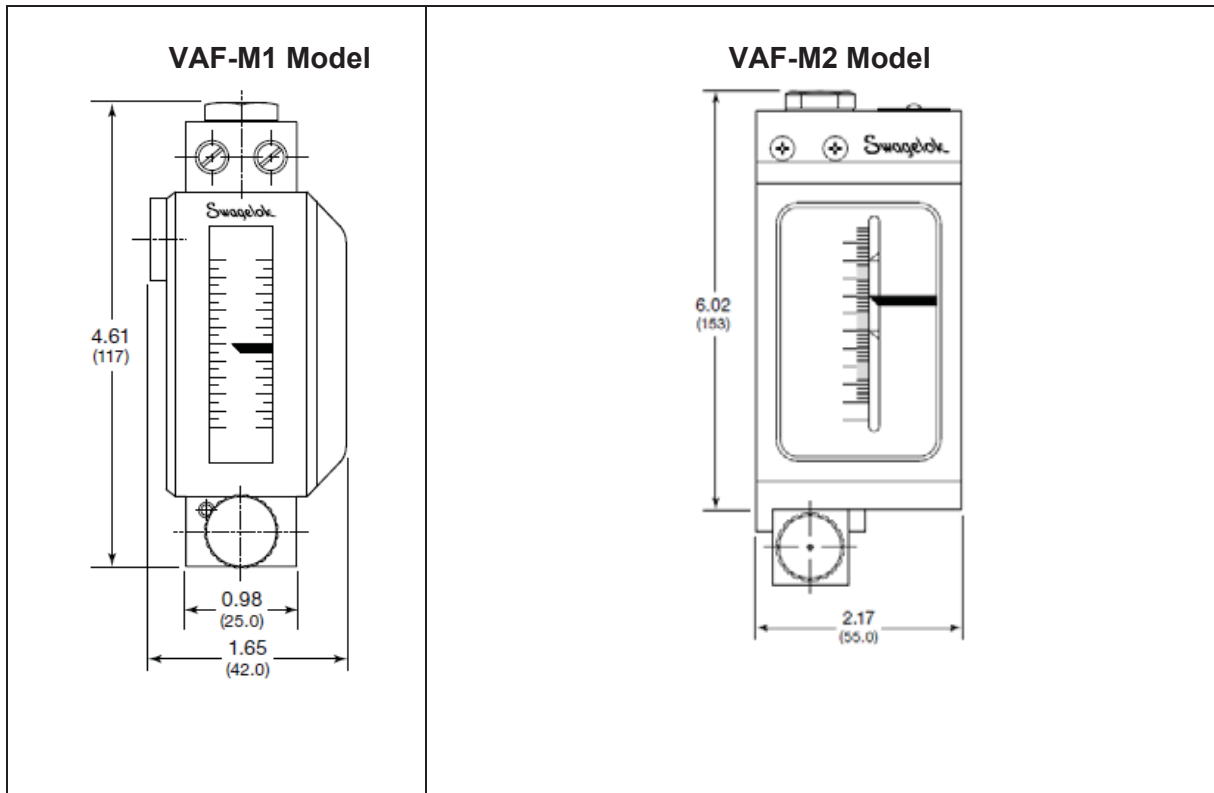


Summary Table

Model	Material	Port Connections and Sizes	Max. Inlet Pressure at 70° F (psig)	Min. Temperature Rating (°F)	Max. Temperature Rating (°F)	Design Code of Construction
VAF-M1	316L SS	NPT 1/4"	1885	-4	302	ASME B31.3
VAF-M2	316L SS	NPT 1/4"	1885	-4	302	ASME B31.3



Sample Drawings with Nominal Dimensions



Product Options:

Additional options and non-pressure boundary alterations that do not affect the pressure-temperature ratings may be made available within the scope of this approval. Examples of these include the following:

- Gasket or O-ring materials
- Limit switches
- Top-mounted needle valve
- Silconert coating
- Special cleaning
- Electronic (LED) display

Quality System

The Swagelok Company quality system complies with the requirements of EN ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The product catalog does not represent the full scope of the registration but rather details some of the most common options.

- Variable Area Flowmeters, G Series and M Series, Product Catalog MS-02-346 Rev. H

Attachment A. Manufacturing Locations

This document lists the location where end item manufacturing activities take place.

Krohne Messtechnik GmbH
Ludwig-Krohne-Str. 5
47058 Duisburg
Germany



Technical
Safety Authority
of Saskatchewan

Registration No. OF21398.23

File No. 12020

Registered

Date: May 4, 2021

Expiry Date: April 14, 2031

Codes & Standards Compliance Office



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION Registration of Fittings

I, Joel Feldman, Vice President of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Swagelok Company
(Name of Manufacturer)

Located at 29500 Solon Road, Solon, Ohio 44139 USA (440) 248-4600 (440) 349-5970
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME VIII Div. 1, ASME B31.1, and ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, BSI

The items covered by this declaration, for which I seek registration, are category F. Measuring Devices type fittings. In support of this application, the following information and/or test data are attached as follows:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents
(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
the _____ day of _____ AD 20_____.

Commissioner for Oaths:

Unable to get a notary signature or seal due to COVID-19 situation
(Printed name)

(Signature)

DocuSigned by:

C87CBBFFD3F14B7...
(Signature of Declarant)

4:16 PM EDT

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____.

CRN: _____

Registered by: _____

Dated: _____

Technical Safety Authority of Saskatchewan
 Registration No. OF23192.53
 File No. 12021
 Registered
 Date May 4, 2021
 Expiry Date January 3, 2028
 Codes & Standards Compliance Office

As noted - refer to registration letter

NOTE: This registration expires on: _____

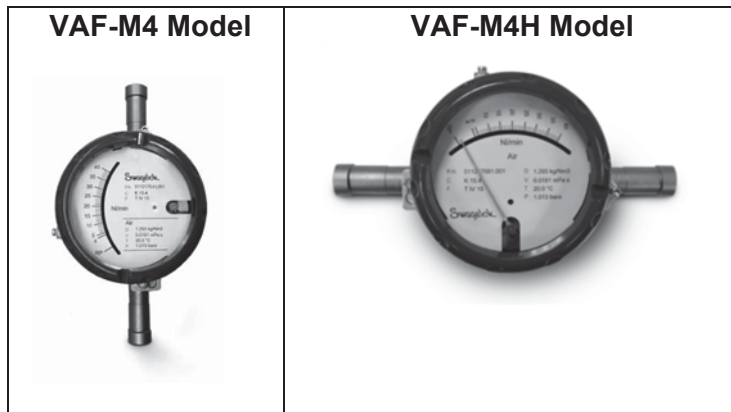
*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

Attachment B. Scope of Registration for Swagelok M4, M4H Model Variable Area Flowmeters (Category F)

Product Scope

This document represents the scope of Swagelok's M4 and M4H model Variable Area Flowmeters covered by this CRN approval. These flowmeters have been evaluated in accordance with appropriate North American standards. See the table below for specific design codes of construction for each product series.

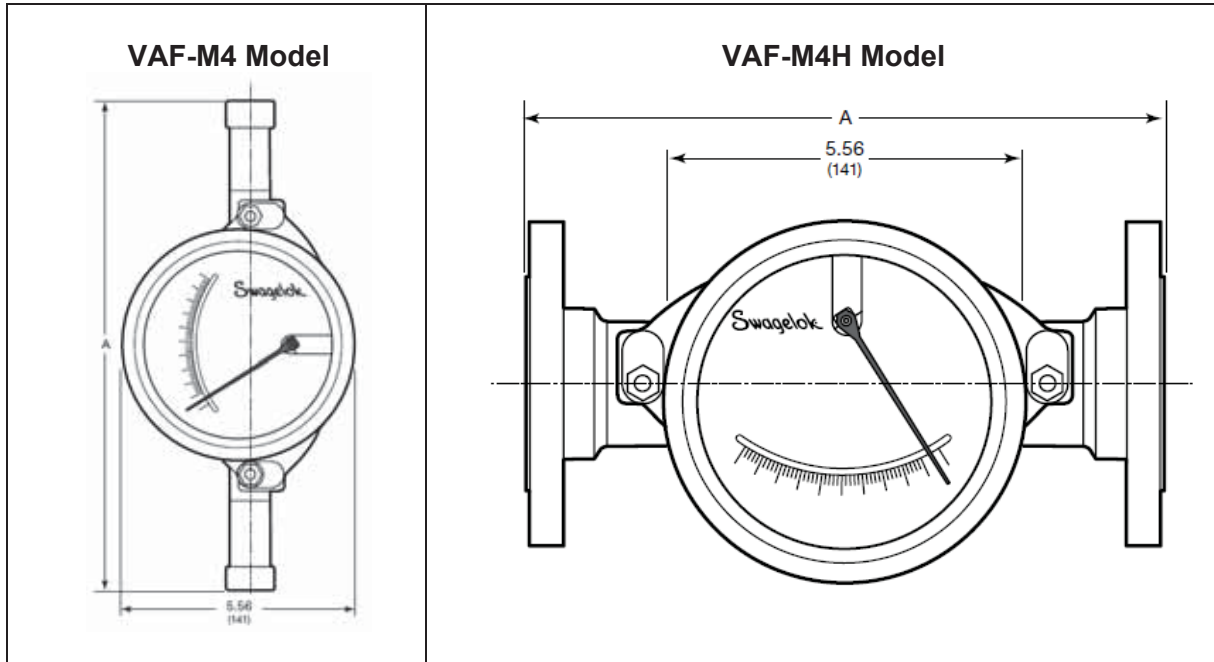
Product Description



Summary Table

Model	Material	Port Connections and Sizes	Max. Inlet Pressure at 70° F (psig)	Min. Temperature Rating (°F)	Max. Temperature Rating (°F)	Design Code of Construction
VAF-M4 (1/2 inch dia. Tube)	316L SS	NPT 1/2", 3/4" ASME flange 1/2", 3/4", 1"	2888	-40	572	ASME Section VIII Division 1, ASME B31.1, ASME B31.3
VAF-M4 (1 inch dia. Tube)	316L SS	NPT 3/4", 1" ASME flange 3/4", 1"	1393	-40	572	ASME Section VIII Division 1; ASME B31.1; ASME B31.3
VAF-M4H (1/2 inch dia. Tube)	316L SS	NPT 3/4" ASME flange 1/2", 3/4", 1"	2888	-40	572	ASME Section VIII Division 1; ASME B31.1; ASME B31.3
VAF-M4H (1 inch dia. Tube)	316L SS	NPT 1-1/4" ASME flange 1"	1393	-40	572	ASME Section VIII Division 1; ASME B31.1; ASME B31.3

Sample Drawings with Nominal Dimensions



Product Options:

Additional options and non-pressure boundary alterations that do not affect the pressure-temperature ratings may be made available within the scope of this approval. Examples of these include the following:

- Gasket or O-ring materials
- Limit switches
- Top-mounted needle valve
- Silconert coating
- Special cleaning
- Electronic (LED) display

Quality System

The Swagelok Company quality system complies with the requirements of EN ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The product catalog does not represent the full scope of the registration but rather details some of the most common options.

- Variable Area Flowmeters, G Series and M Series, Product Catalog MS-02-346 Rev. H

Attachment A. Manufacturing Locations

This document lists the location where end item manufacturing activities take place.

Krohne Messtechnik GmbH
Ludwig-Krohne-Str. 5
47058 Duisburg
Germany

Technical
Safety Authority
of Saskatchewan

Registration No. OF23192.53

File No. 12021

Registered

Date: May 4, 2021

Expiry Date: January 3, 2028

Codes & Standards Compliance Office

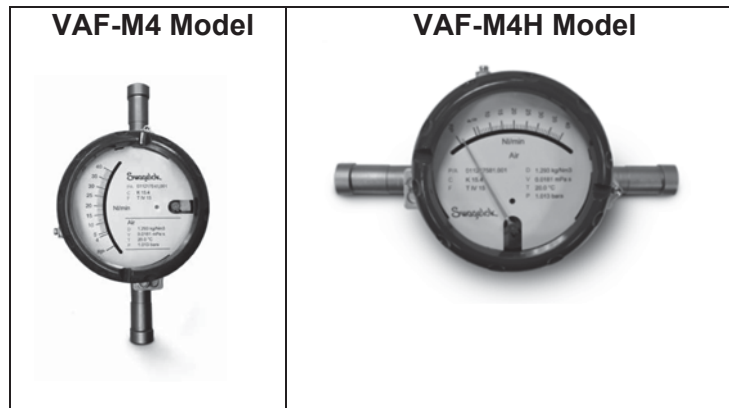
1. SCOPE AND BACKGROUND

Swagelok’s Variable Area Flow Meters are rebranded products designed and manufactured by Krohne. Previously, the scope for Swagelok’s CRN 0F20289.5 included:

- Swagelok M4 and M4H models, which equate to Krohne H250 models. These Variable Area Flow Meters are covered by Krohne’s CRN 0F11843.5R4, which expires January 3, 2028.
- Swagelok M1 and M2 models, which equate to Krohne DK32 and DK 37 models. These Variable Area Flow Meters are covered by Krohne’s CRN 0F11471.2, which expires May 28, 2021.

To reduce the complexity and renewal frequency of this CRN, we are reducing its scope to only include the M4 and M4H models, aligning this CRN with Krohne’s CRN 0F11843.5R4. A separate CRN will be created to cover the M1 and M2 models.

2. PRODUCT DESCRIPTION



Krohne – Swagelok Series Cross Reference

Krohne Series Designator	Swagelok Series Designator
H250	M4
H250 Horizontal	M4H

