

ATTESTATION of Conformity

Attestation of Conformity Number: **DEKRA 382222600**

Issue Number: **1**

Equipment: **Magnetic Flow Transmitter Models 8732EM and 8712EM and Magnetic Flow Tube Models 8705-M and 8711-M/L**

Magnetic Flow Transmitter Model 8750W and Magnetic Flow Tube Model 8750W

Vortex Flowmeter Models 8600D and 8800D

Applicant: **Emerson – Rosemount, Micro Motion Inc.**

Address: **12001 Technology Drive, Eden Prairie, MN 55344, United States of America**

This equipment is specified in the schedule to this attestation and the documents therein referred to.

DEKRA Certification B.V. declares that this equipment has been found to comply with the following requirements:

IEC 60529 : 1989 + A2 : 2013

ISO 20653 : 2013

The examination and test results are recorded in confidential report no. NL/DEK/ExTR19.0003/01

The degree of protection by the enclosure is determined as being:

See Annex to Attestation of Conformity DEKRA 382222600, issue 1

Arnhem, 19 July 2019
DEKRA Certification B.V.



R.H.D. Pommé
Certification Manager

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DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Registered Arnhem 09085396

SCHEDULE

to Attestation of Conformity DEKRA 382222600

Issue No. 1

Scope and description

This Attestation of Conformity applies to:

1. The Magnetic Flow Transmitter Models 8732EM and 8712EM and Magnetic Flow Tube Models 8705-M or 8711-M/L.

The Magnetic Flow Transmitter Model 8732EM may be remote mounted from the Magnetic Flow Tube or integral mounted on the Magnetic Flow Tube Models 8705-M or 8711-M/L. The Magnetic Flow Transmitter Model 8712EM is remote mounted from the Magnetic Flow Tube Models 8705-M and 8711-M/L.

2. The Magnetic Flow Transmitter Model 8750W and Magnetic Flow Tube Model 8750W.

The Magnetic Flow Transmitter Models 8750W...R and 8750W...T may be remote mounted from the Magnetic Flow Tube or integral mounted on the Magnetic Flow Tube Model 8750W. The Magnetic Flow Transmitter Model 8750W...W is remote mounted from the Magnetic Flow Tube Model 8750W.

3. The Vortex Flowmeter Models 8600D and 8800D.

The Vortex Flowmeter Models 8600D and 8800D consist of an electronics housing and an integral or remote mounted meter body / sensor housing assembly.

For details on the IP ratings assessed for the above models, see the Annex to this Attestation of Conformity.

Technical data

All technical data and all other relevant data shall be taken from the instructions provided with the equipment.

Installation instructions

The installation instructions as provided by the manufacturer shall be followed in detail in order to assure safe functioning of the equipment, taking into account the local installation rules.

Test report

No. NL/DEK/ExTR19.0003/01

**Annex to: Attestation of Conformity DEKRA 38222600, issue number 1
Report NL/DEK/ExTR19.0003/01**

Scope and description

The Magnetic Flow Transmitter Model 8732EM may be remote mounted from the Magnetic Flow Tube or integral mounted on the Magnetic Flow Tube Models 8705-M or 8711-M/L. Both integral and remote configurations have been evaluated and meet the requirements for the IP ratings detailed in Table 1 below.

$\frac{IP}{I} \frac{6}{II} \frac{8}{III}$ (Example rating)

Table 1

Designation	Explanation	Value	Explanation
I	Code letters	IP	Ingress Protection
II	Protection against ingress of foreign solid objects	4	≥ 1.0 mm diameter
		5	dust-protected
		6	dust-tight
III	Protection against ingress of water with harmful effects	4	splashing
		5	jetting
		6	powerful jetting
		7	temporary immersion
		8	continuous immersion (10 m, 48 h)
9K	high-pressure/steam-jet cleaning (+80 °C)		

The Magnetic Flow Transmitter Model 8712EM is remote mounted from the Magnetic Flow Tube Models 8705-M and 8711-M/L. The Magnetic Flow Transmitter Model 8712EM has been evaluated and meets the requirements for the IP ratings detailed in Table 2 below.

$\frac{IP}{I} \frac{6}{II} \frac{6}{III}$ (Example rating)

Table 2

Designation	Explanation	Value	Explanation
I	Code letters	IP	Ingress Protection
II	Protection against ingress of foreign solid objects	4	≥ 1.0 mm diameter
		5	dust-protected
		6	dust-tight
III	Protection against ingress of water with harmful effects	4	splashing
		5	jetting
		6	powerful jetting
		9K	high-pressure/steam-jet cleaning (+80 °C)

**Annex to: Attestation of Conformity DEKRA 38222600, issue number 1
Report NL/DEK/ExTR19.0003/01**

Scope and description (continued)

The Magnetic Flow Transmitter Model 8750W...R and 8750W...T may be remote mounted from the Magnetic Flow Tube or integral mounted on the Magnetic Flow Tube Model 8750W. Both integral and remote configurations have been evaluated and meet the requirements for the IP ratings detailed in Table 3 below.

$\frac{IP}{I} \frac{6}{II} \frac{8}{III}$ (Example rating)

Table 3

Designation	Explanation	Value	Explanation
I	Code letters	IP	Ingress Protection
II	Protection against ingress of foreign solid objects	4	≥ 1.0 mm diameter
		5	dust-protected
		6	dust-tight
III	Protection against ingress of water with harmful effects	4	splashing
		5	jetting
		6	powerful jetting
		7	temporary immersion
		8	continuous immersion (10 m, 48 h)
		9K	high-pressure/steam-jet cleaning (+80 °C)

The Magnetic Flow Transmitter Model 8750W...W is remote mounted from the Magnetic Flow Tube Model 8750W. The Magnetic Flow Transmitter Model 8750W...W has been evaluated and meets the requirements for the IP ratings detailed in Table 4 below.

$\frac{IP}{I} \frac{6}{II} \frac{6}{III}$ (Example rating)

Table 4

Designation	Explanation	Value	Explanation
I	Code letters	IP	Ingress Protection
II	Protection against ingress of foreign solid objects	4	≥ 1.0 mm diameter
		5	dust-protected
		6	dust-tight
III	Protection against ingress of water with harmful effects	4	splashing
		5	jetting
		6	powerful jetting
		9K	high-pressure/steam-jet cleaning (+80 °C)

**Annex to: Attestation of Conformity DEKRA 38222600, issue number 1
Report NL/DEK/ExTR19.0003/01**

Scope and description (continued)

The Vortex Flowmeter Models 8600D and 8800D consists of an electronics housing and an integral or remote mounted meter body / sensor housing assembly. Both integral and remote configurations been evaluated and meet the requirements for the IP ratings detailed in Table 5 below.

$\frac{IP}{I} \frac{6}{II} \frac{7}{III}$ (Example rating)

Table 5

Designation	Explanation	Value	Explanation
I	Code letters	IP	Ingress Protection
II	Protection against ingress of foreign solid objects	4	≥ 1.0 mm diameter
		5	dust-protected
		6	dust-tight
III	Protection against ingress of water with harmful effects	4	splashing
		5	jetting
		6	powerful jetting
		7	temporary immersion
		9K	high-pressure/steam-jet cleaning (+80 °C)

Note: In order to maintain the above ratings, all entry devices in the final installation shall have the appropriate matching ingress protection rating (or higher).