

MS2410

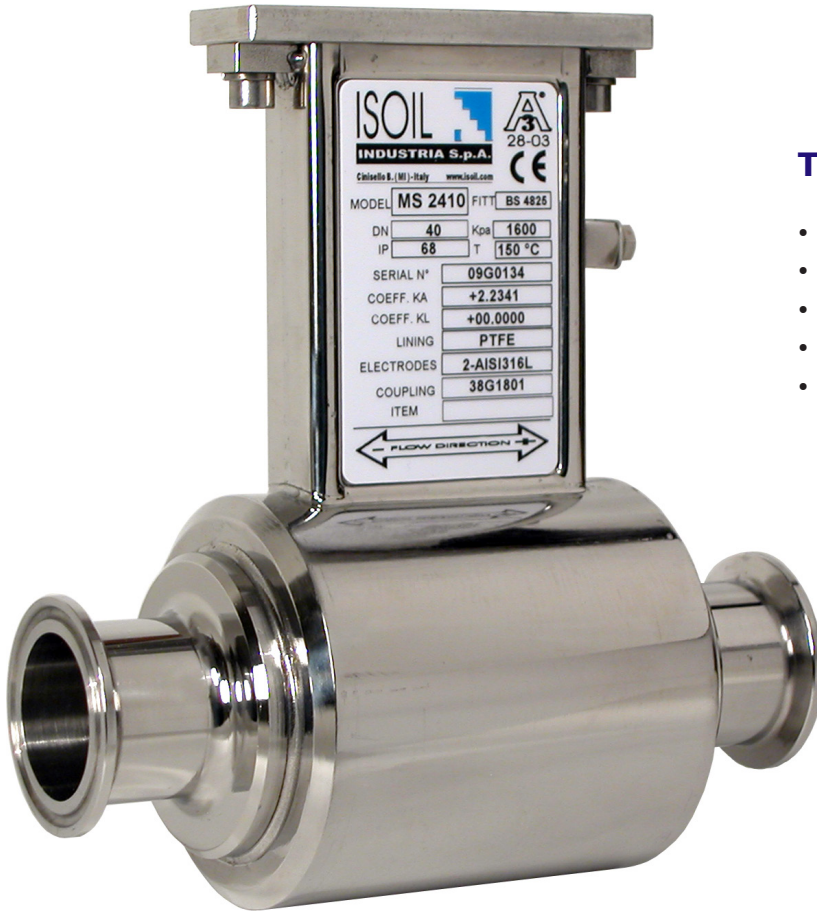
ISOMAG



FLOMOTION
SYSTEMS

ELECTROMAGNETIC FLOW SENSOR

Reliable full-pipe flow measurement with high accuracy,
ease of installation and low operating cost



TYPICAL APPLICATIONS

- Cosmetics
- Juices
- Ketchup
- Milks
- Yogurt
- Water
- Wines
- Flavorings
- Soups
- Ice Cream Mixes

A3 The fully submersible MS2410 includes tri-clamp fittings and PTFE liner for fast efficient cleaning. Rated for 3A sanitary approval.

MS2410 FEATURES

- Accuracy to $\pm 0.2\%$ of rate from 1 to 33 ft/sec.
- Ten sizes from 1/8" to 4" pipe diameters.
- Flow ranges from .03 to 1246 GPM.
- Standard Pressure: 230 PSI.
- Volumetric flow rate measurement independent of fluid viscosity, density and temperature.
- Bi-directional flow measurement.
- No moving parts for zero maintenance.
- No pressure drop through sensor.
- Minimal straight pipe run required.
- Suitable for vacuum service applications.
- Every sensor is factory wet-calibrated.

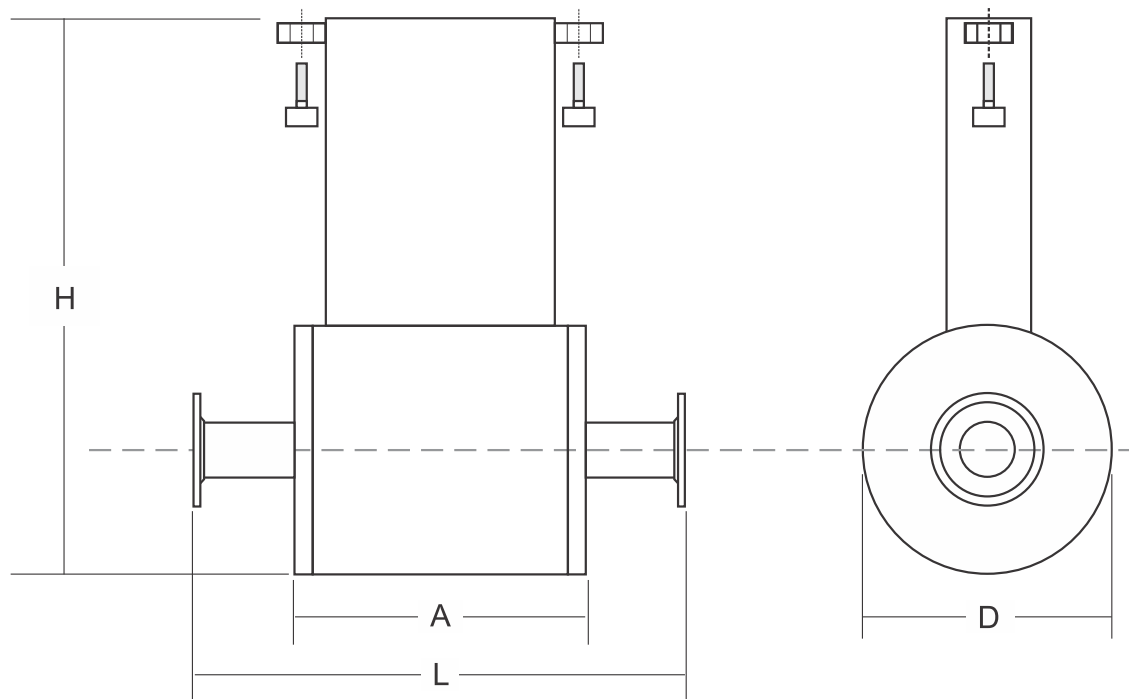
ELECTROMAGNETIC FLOWMETER

FLOMOTION MS2410 ENGINEERING SPECIFICATIONS

- Accuracy: See relevant converter data sheet
- Linearity: $\pm 0.10\%$ of span
- Pressure: 230 PSI with Tri-Clamp connections
- Liner Material: PTFE
- Housing Material: 304 SS
- Process Connections: 316 SS
- Electrode material: 316 SS*
- Number of electrodes: 2
- Temperature: Process 300°F with remote converter
- Environmental Rating: NEMA 6

AVAILABLE SIZES AND DIMENSIONS

Size (in.)	1/8	1/4	3/8	1/2	3/4	1	1-1/2	2	3	4
Min Flow Rate (gpm @ 1 ft/sec)	0.034	0.14	0.38	0.85	1.52	2.37	6.08	9.49	24.30	37.97
Max Flow Rate (gpm @ 33 ft/sec)	1.12	4.49	12.46	28.03	49.84	77.9	199.3	311.5	797.4	1246
Length (L below)	5.04	5.04	5.04	5.04	5.04	7.09	7.09	7.09	7.87	7.87
Height (H below)	6.96	6.96	6.96	6.69	6.69	6.69	7.48	8.19	9.21	9.21
Body Diameter (D below)	2.99	2.99	2.99	2.99	2.99	2.99	3.50	4.88	5.51	6.61
Body Length (A below)	3.03	3.03	3.03	3.03	3.03	3.94	3.94	3.94	3.94	3.94



FLOMOTION SYSTEMS Inc.

165 Creekside Drive, Suite 112

Buffalo NY 14228

Tel: 716-691-3941

Fax: 716-691-1253

Email: info@FlomotionSystems.com

www.FlomotionSystems.com

