ONICON Turbine Flow Meter Ordering Guide

ONICON INCORPORATED

I. MODEL NUMBERING SYSTEM

Format: F(B) - XX YY

SERIES

F-11 **Single Turbine, Insertion Type**

F-12 **Dual Turbine, Insertion Type**

FB-12 **Bi-Directional, Insertion Type**

F-13 **Inline Turbine Meter 3/4" and 1"**

Example: "F-1210" = Dual turbine, analog output

OUTPUT SIGNAL

00 **Frequency Output (15V pulse)**
For connection to ONICON display or BTU meter only. Signal is too fast for most building control systems (0-300 Hz).

10 **Analog Output (non-isolated)**
Provides both 4-20 mA and 0-10V outputs. Most commonly used output type. (3-wire connection)

11 **Isolated Analog Output**
Provides both 4-20 mA and 0-10V outputs. Signal ground is isolated from power supply and pipe ground. (4-wire connection)

20 **Divided Output (dry contact)**
Provides an isolated binary/digital output. Signal is divided to limit the maximum frequency. For rate/totalization.

30 **Scaled Output (dry contact)**
Provides an isolated binary/digital output scaled to provide one pulse per desired unit volume (i.e.: 1 pulse = 10 gal.) Ideal for totalization applications.

II. INSTALLATION HARDWARE

Purchase of installation kit with the flow meter (insertion type) is **strongly recommended** to prevent installation problems. Installation hardware kits are listed immediately after insertion type flow meters.

III. CALIBRATION DATA

ONICON flow meters are custom calibrated for each application. **Pipe size, material, flow range, etc. is required for all meters.** Use order form and fax or email directly to ONICON Incorporated.Order forms are provided in the product catalog and can be downloaded from ONICON's website. You may also use your own spread sheet, etc. to submit calibration data. Contact ONICON for assistance with calibration data questions.

IV. PERIPHERAL DEVICES AVAILABLE

Display Modules: See D-100, D-1200 and DB-1200 Series Display Modules
Btu Meters: See System-10 Series BTU Meters (different order forms for these)

V. APPLICATION ASSISTANCE

Contact ONICON or your local sales representative for applications questions.

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