



• FLOW METER DISPLAY MODULE • D-1200 SERIES



D-1201-01
Made in the USA

Wall Mount Display for Flow Rate and Total

GENERAL SPECIFICATIONS

MECHANICAL

Electronics Enclosure:
Standard: steel NEMA 4 wall mount, 6" x 6" x 4"

ELECTRICAL

Input power: Standard: 24 VAC 50/60 Hz, 750mA max*
Optional: 120 VAC 60 Hz, 250mA max
Optional: 230 VAC 50 Hz, 125mA max

*Maximum current varies with flow meter model and number of displays

INTERNAL POWER SUPPLY

Provides 24VDC, 250mA maximum to electronics and flow sensor

INDICATOR(S)

Numeric LCD displays, 0.46" high digits
Rate: 6 digits ("R" indicates rate)
Total: 8 digits (Overflow indication provided)
D-1201-1: Single LCD with pushbutton toggle between rate and total
D-1202-01: Dual LCDs one for rate and one for total

FLOW SIGNAL INPUT/OUTPUT

Input: DC pulse/frequency or dry contact output from ONICON insertion or inline flow meters
Output: Additional output signal(s) ordered with flow meter are available for connection to control system via the display module terminal strip.

AUXILIARY SCALED PULSE OUTPUT OPTION

Scaled Output: For totalization; scaled to a specific unit of volume per pulse (i.e. 10 gal/pulse).
Auxiliary output is in addition to any outputs provided by the flow meter.

PROGRAMMING

Factory programmed for specific application
Field programmable via front LCD interface

MEMORY

Non-volatile EEPROM memory retains data in the event of power loss.

ENVIRONMENTAL

Operating temperature range: -20° to 140°F
Operating humidity range: 0 to 85% RH
(Non-condensing)

DESCRIPTION

D-1200 series displays are modular flow display centers that convert ONICON insertion and inline flow meters into complete flow monitoring stations. The steel, wall mounted modules display the current flow rate and total and provide a low voltage DC power source capable of powering most ONICON inline and insertion flow meters.

The versatile display module can be located close to the flow meter or up to several hundred feet away. Using the flow meter with the display module will also allow you to support other remote devices such as Btu meters, building control systems, and data acquisition systems.

D-1200 series display modules are not designed for bidirectional flow applications. For bidirectional flow applications see the DB-1200 series display module.

APPLICATIONS

- HVAC chilled water, condenser water, and heating hot water flow monitoring
- Domestic water flow monitoring
- Natural gas monitoring
- Compressed air monitoring
- Process flow monitoring in industrial plants
- Municipal water flow monitoring

FLOW METER MODELS SUPPORTED

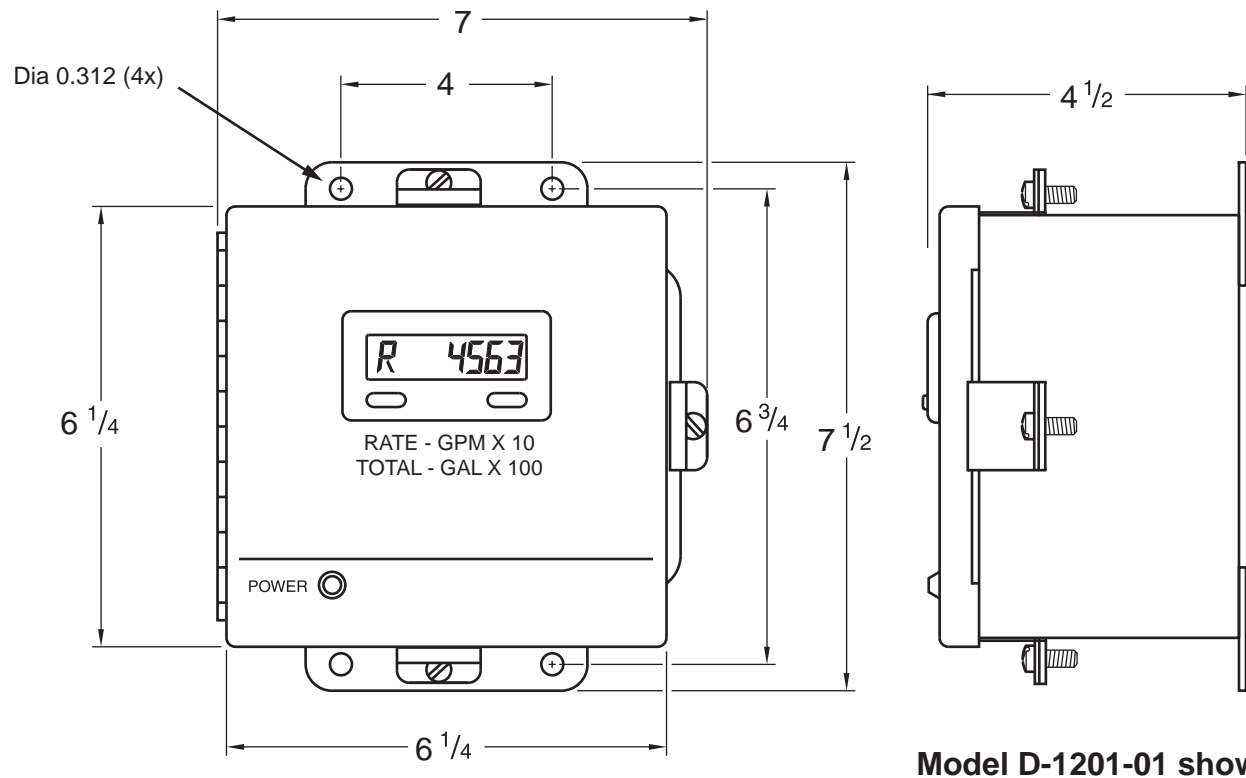
Flow Meter Models	Display Options
F-1100 Series Insertion Turbine	Rate & Total
F-1200 Series Insertion Turbine	Rate & Total
F-1300 Series Inline Turbine	Rate & Total
F-3500 Insertion Electromagnetic	Rate & Total
F-2600 Series Inline Vortex	Total Only
F-5100 Series Insertion or Inline Thermal Mass	Total Only
F-5200 Series Insertion or Inline Thermal Mass	Total Only



D-1202-01
Made in the USA

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D-1200 DISPLAY INSTALLATION



D-1200 Ordering Information

Model #	Item Description
D-1201-01	Display Module for one flow meter: 1 LCD (flow rate and/or total) 24, 120 or VAC
D-1202-01	Display Module for one flow meter: 2 LCDs (1 flow rate, 1 total) 24, 120 or 240 VAC
D-1299 AUX3	Optional auxiliary scaled output card (for insertion turbine & insertion electromagnetic flow meters)