



Made in the USA

## • DISPLAY MODULE • SERIES D-1200



Analog Output (Isolated): For flow rate  
Voltage Output: 0-10 V (0-5 V available)  
Current Output: 4-20 mA

Binary (Digital) Outputs:

Isolated solid state dry contact: 100 mA, 50 V

Divided Output: For flow rate & totalization;  
signal is divided to replace the maximum  
frequency.

Scaled Output: For totalization; scaled to a  
specific unit of volume per pulse  
(i.e. 10 gal/pulse).

### GENERAL SPECIFICATIONS

#### **MECHANICAL**

6"x6"x4" NEMA 4 steel enclosure, wall mount  
(larger enclosures used over two indicators)

#### **ELECTRICAL**

Input voltage: Standard: 120 VAC 60 Hz

Optional: 240 VAC 50 Hz  
24 VAC or DC\*

\*For D-1201 and D-1202 only

Output voltage (nominal): +24 VDC at 200 mA  
(higher current provided when required)

#### **INDICATOR(S)**

Multi-function LCD(s) with two buttons for mode  
selection, total reset, and programming

Six digit rate; eight digit totalization

Total reset switch can be disabled via programming

Remote reset available

Programming: Set at factory for particular flow meter  
and pipe size (field programming possible)

Memory: Nonvolatile EEPROM memory retains all  
programming parameters in the event of power loss.

#### **FLOW SIGNAL INPUT/OUTPUT**

Input: 0-15 V pulse output from any of ONICON's  
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 OUTPUT OPTION**

Provides a binary (digital) output or isolated analog  
output.

Auxiliary output is in addition to any outputs  
provided by the flow meter. Limited to one of the  
following:

### DESCRIPTION

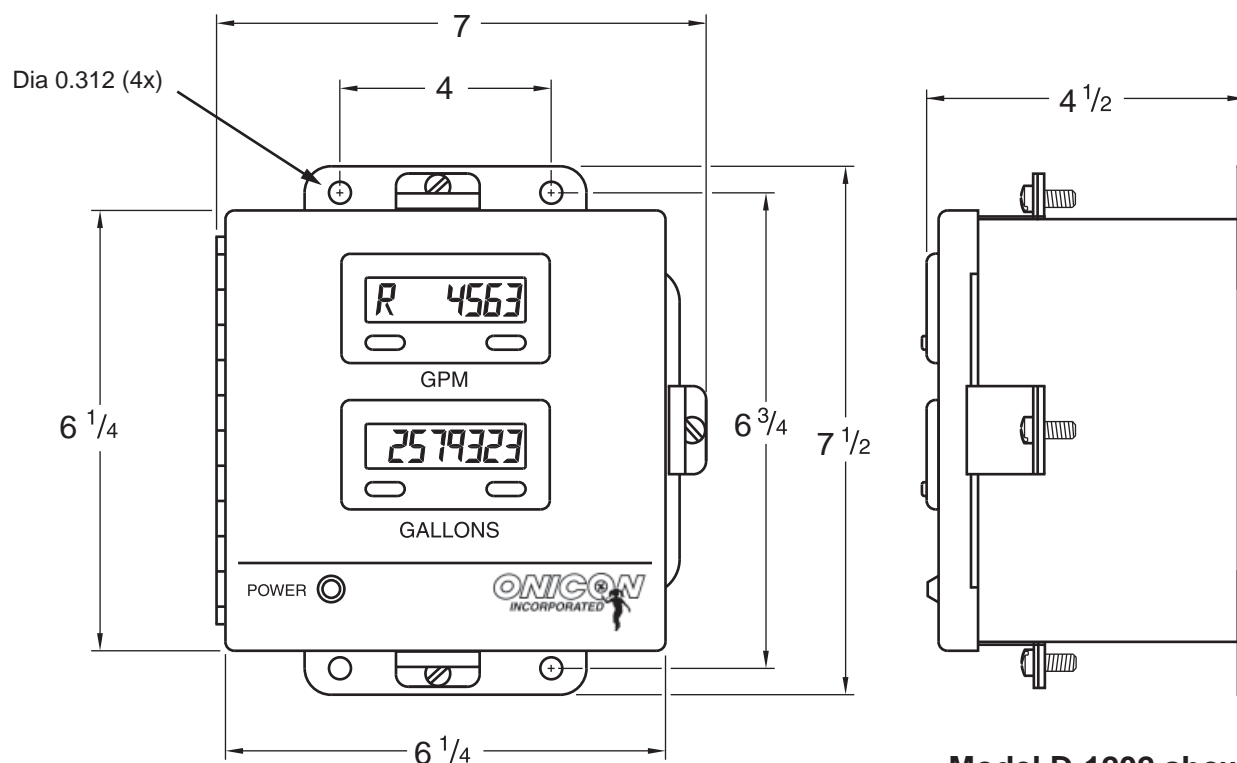
The D-1200 series displays are modular display  
centers featuring one or more multi-function LCD  
indicators. The last digit in the model number  
designates the quantity of LCD indicators. Integral  
power supplies furnish all power requirements for  
the displays and any of ONICON's inline or insertion  
flow meters.

This display converts any of ONICON's insertion or  
inline flow meters into a complete flow monitoring  
system for local or remote indication of flow rate and  
total volume. The flow meters may simultaneously  
support other remote devices such as Btu meters,  
building control systems, and data acquisition  
systems.

### APPLICATIONS

- Chilled water, condenser water, domestic water,  
and hot water HVAC monitoring
- Process monitoring in industrial plants
- Municipal water monitoring

Notes:



**Model D-1202 shown**

## How to select your series D-1200 display

Series identifier

Reserved for later use

Number of indicators in the display

Each indicator can be programmed to display rate, total, or both. The indicators are programmed at the factory according to customer requirements, and the appropriate labels are applied below each indicator.

The indicators can be reprogrammed in the field.

Please specify indicator function and engineering units at time order is placed.

To select auxiliary output option, refer to specification sheet.

**D-12**

**0**

**2**