

• **DISPLAY MODULE** •  
**SERIES D-1200**



Made in the USA

## 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

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 E<sup>2</sup>PROM 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:

**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, 50V

**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)

## 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.

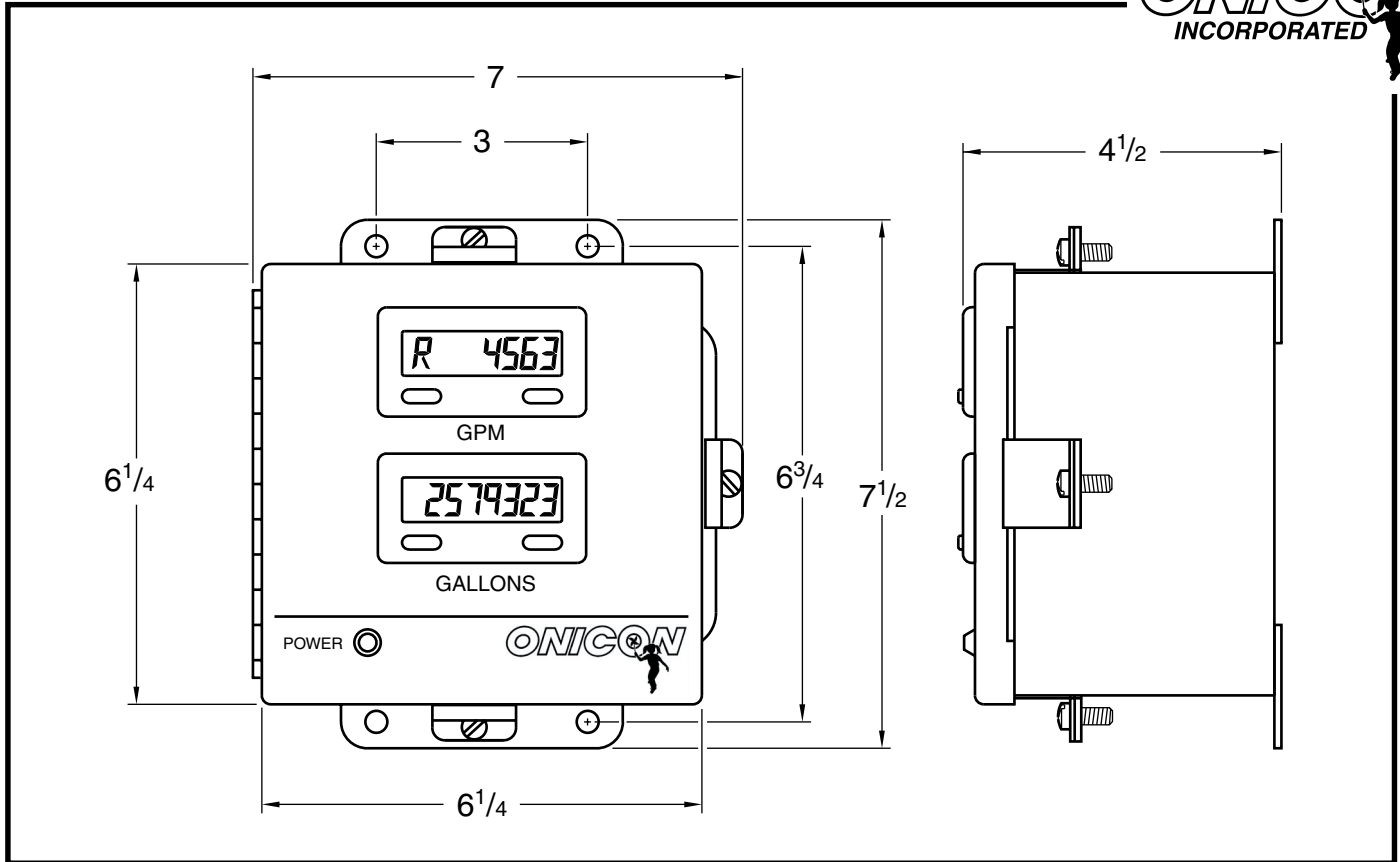
This display converts any of ONICON's insertion or inline flow meters into a complete flow monitoring system for local or remote indication of flow rate and total volume. The flow meters may simultaneously support other remote devices such as BTU meters, building control systems, and data acquisition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

## APPLICATIONS

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

Notes:

# SERIES D-1200



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.

D-12

0

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To select auxiliary output option, refer to specification sheet.