• DISPLAY MODULE •
SERIES D-1200

ONICON INCORPORATED

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*
*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 E^2PROM 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:

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