

• **DISPLAY MODULE** •
SERIES D-2100



DESCRIPTION

D-2100 series displays provide a remote indication of flow rate and/or total for ONICON F-2000 Series vortex meters. Displays are available in a variety of configurations that may include single indicators for rate only, total only or separate indicators for simultaneously indicating rates and totals. The display also provides power for the vortex meter and a convenient connection point that allows the flow signals to be connected to other remote devices such as a building management system.

APPLICATIONS

- Compensated steam flow
- Hot water flow
- Condenser water flow
- Chilled water flow
- Compressed air flow



D-2100 is a remote display for the F-2000 Series vortex meters.



Made in the USA

GENERAL SPECIFICATIONS

MECHANICAL

6"x6"x4" NEMA 4 steel enclosure, wall mount

ELECTRICAL

Input voltage: Standard: 120 VAC 60 Hz
Optional: 24 VAC, 60 Hz
Optional: 240 VAC 50 Hz

*Output voltage: 24 VDC , 20mA maximum
(provided as loop power for the vortex meter)

INDICATOR(S)

3½ digit rate indicator (Loop powered in series with flow meter 4-20mA output)
Re-settable Eight digit totalization indicator
Totalization reset function can be disabled via programming

FLOW SIGNAL INPUT/OUTPUT

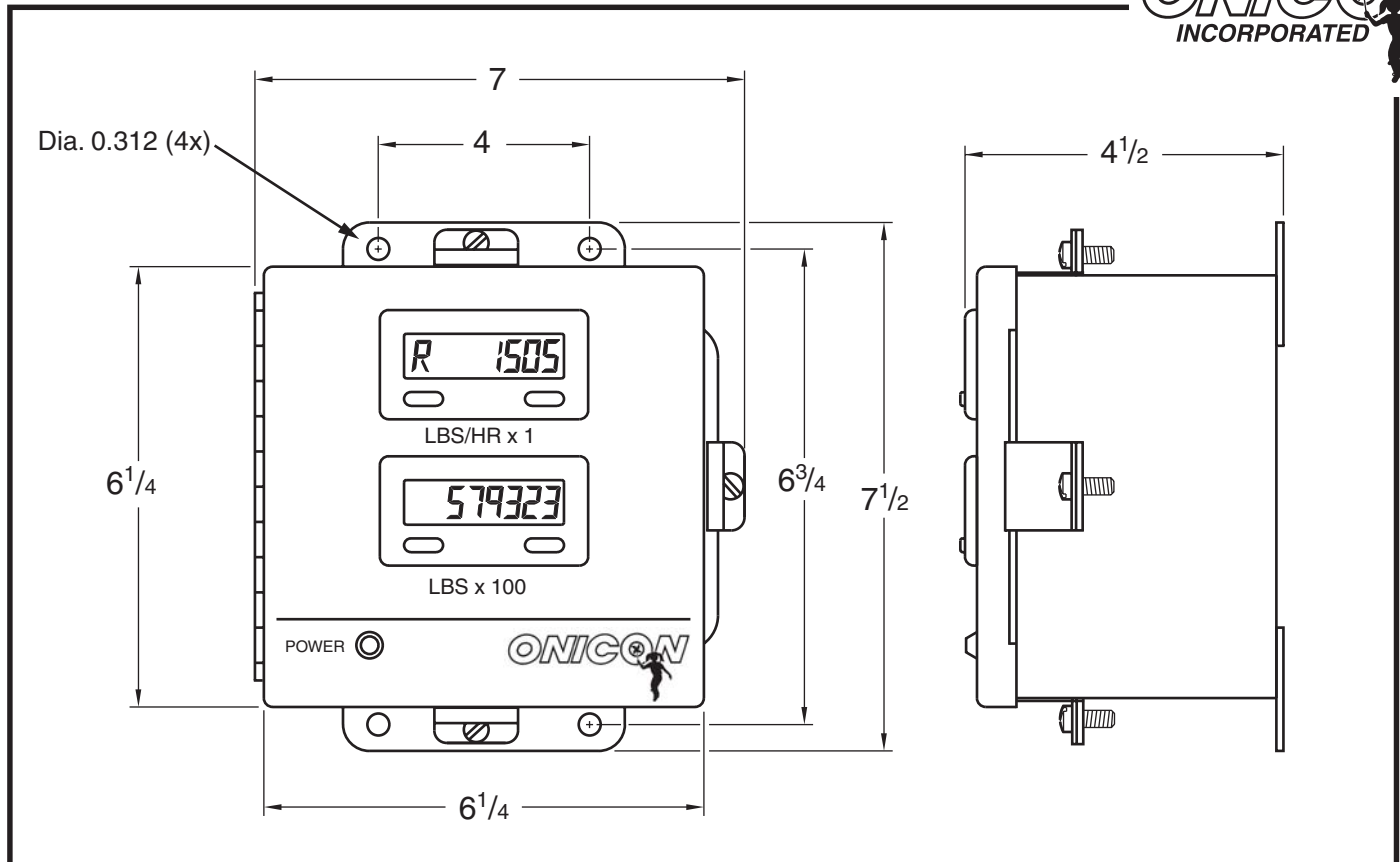
Input:

Flow rate input: 4-20mA
Flow total input: Open collector, 0.5 Hz maximum pulse

Output:

Flow rate: 4-20mA DC, (maximum loop resistance 275 Ω)
Flow total: Isolated dry contact, 0.5 Hz, 50 VDC & 100mA maximum

SERIES D-2100



Model D-2102 shown

How to select your series D-2100 Display

1. Choose from three available models:

Model	Features Provided
D-2102	Flow Rate and Flow Total (two LCD indicators)
D-21T1	Flow Total only (one LCD indicator)
D-21R1	Flow Rate only (one LCD indicator)

2. Choose from three available input power options:

- A. 24 VAC 50/60 Hz
- B. 120 VAC 50/60 Hz
- C. 240 VAC 50 Hz