

Badger® Model 2100	Flow Monitor	Sample Specifications
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The flow monitor shall be a microprocessor based, digital unit capable of calculating and displaying both rate of flow and total flow on a two line by sixteen character alpha-numeric LCD. The flow monitor shall accept digital, sine wave or analog inputs and may be field configured to display rate or total values in any unit of measure. All data shall be entered via five keys mounted on the front panel. Units shall feature a software lock to protect memory, requiring no battery back-up shall protect the data from electronic losses.

The Series 2100 shall conform to DIN standard dimensions for panel mounting, and shall feature a NEMA 4X rated front panel, optional NEMA 4 wall mount available. Versions shall operate on power sources including 12-36 VDC, 24 VAC, 115 VAC and 230 VAC.

The flow monitor shall feature a standard open collector transistor output that may be configured in the field to any unit of measure and any units per pulse. The pulse width shall be adjustable from 100 mS to 5.0 seconds in 100 mS increments. Sinking current shall not be more than 300 mA @ 36 VDC.

Options shall include analog inputs, analog outputs, control relays or mechanical counters, all programmable from the keypad. Versions shall accept inputs from two sensors for dual monitor applications. The flow monitor shall be Badger Model 2100.

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