

FloPro 9100™

FLOW TOTALIZER / RATE METER

APPLICATIONS

- Oil
- Gas
- Transport
- Chemical
- Agricultural
- Industrial
- Food and Beverage
- Water and Wastewater
- Pulp and Paper
- Mining

The FloPro 9100 is an intrinsically safe flow totalizer and rate meter. The FloPro 9100 accepts pulses from a turbine meter, and uses those pulses to calculate the flow total and rate in a pipe. Information is displayed on a built in, high contrast, low temperature LCD display. For connection to a standard RTU or PLC, the FloPro 9100 also has a prescaled or K factored pulse output. The FloPro 9100 is battery powered for true standalone operation.

These features combine to make the FloPro 9100 a versatile solution to flow measurement problems.

- Intrinsically safe flow totalizer and rate meter – Measures liquid and gas flow rates and totals
- Large easy to read display
- Low installation cost – Internally powered
- Field-proven since 1994 – High reliability
- Better monitoring – Low cost with easy installation and setup



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FloPro 9100™ FEATURES

The FloPro 9100 processes pulses from a turbine meter, calculates and very accurately, displays flow rate and flow total. It also provides a pre-scaled pulse output for remote processing, using SCADA and PLC systems.

- CSA approved Class I, Div 1, Groups B, C, D, Intrinsically safe, NEMA 4
- 10 point linearization
- Low temperature operation
- Typical battery life is 2 to 5 years (depending on application and configuration)
- User friendly: simple to program
- Keypad selectable: Engineering units/rate time base (gallons, litres, cubic meters, per minute/hour/day)
- Instant update of totals
- Open drain pulse output with on-board pre-scaling
- Stand alone (battery powered)
- Large LCD display specifically designed for -40° C operation
- Variable active display time

Operating Temperature

- -40° C to +54° C (alkaline batteries)
- -20° C to +65° C (lithium batteries)

Input

- Frequency: 1 Hz to 3.0 KHz
- Amplitude: 20mV p-p minimum

Accuracy

- Total: +/- one count
- Rate: +/- 0.04 %

Enclosure

- CSA Type 4, NEMA 4 Mounting
- 1" tilt base or panel mount brackets

Displayed Data

Total

- 8-digits with selectable decimal point positions

K Factor

- 7-digits with 2 decimal point positions

Flow Rate

- 7-digits, 99999.99 units / rate time base

Rate Update

- Selectable 2 to 20 seconds maximum

Digit Height

- 1.5 cm (0.6")



Standard Kit Includes:

FloPro 9100 Totalizer and alkaline battery pack.

Optional:

- Lithium battery pack
- Turbine
- Magnetic Pick Up also available

Locations: | Edmonton, AB, Canada | Calgary, AB, Canada | Lampman, SK, Canada | St. Paul, MN, USA
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