

weber

Ratometer / Totalizer



Totalizer for batch processes

- Ratemeter for flow rate monitoring
- Power supply to power sensor
- 120 VAC operation
- 4-20 mA re-transmission of flow rate
- Relay output at setpoint
- NEMA 4 enclosure
- Field programmable

Ratometer / Totalizer Type PD-692

The Ratemeter / Totalizer PD-692 from weber Sensors, provides a highly versatile measurement solution for monitoring flow rate and totalizing.

When used in combination with a wide variety of metering flow-captors (for water, oil, pastes, chemicals, aggressive media) and vent-captors (for air or gaseous media), the PD-692 can provide accurate metering of air or liquid flow. It provides a display of flow rate, an alternate display of flow total (this can be an automatic toggle if desired), and provides flow alarms with relay output. There is also a 4-20 mA DC re-transmission of flow rate for input to a PLC or SCADA system. The flow-captors and vent-captors make an ideal combination with their calorimetric technology with no moving parts, non-intrusive measurement, and solid-state design.

The NEMA 4 enclosure also houses a built in power supply to power the flow or vent-captor and all necessary terminal strips and connection points for relay outputs and 4-20 mA retransmission. All you need to do is power the PD-692 with 120 VAC and install the flow or vent-captor.

The PD-692 is easily programmed in the field or can be provided pre-calibrated by weber Sensors Inc.

PRELIMINARY



Ratometer / Totalizer

Type PD-692
for flow-rate monitoring

Typical applications:

- Rate and Batch totals for wastewater treatment
- Remediation
- HVAC for rate and total SCFM of air-flow
- Chemical dosing

Electrical Data

| | |
|-----------------|--|
| Supply Voltage: | 120 VAC + - 10% |
| Output Relays: | 2 SPDT (formC), 2A at 250 VAC resistive |
| Analog output: | 4-20 mA DC retransmission into 1,200 Ohms max. loop resistance |

Operational Data

| | |
|----------------|--|
| Accuracy: | DPM 0.5% FS (System accuracy incl. sensor <3% linearity deviation) |
| Repeatability | 1% |
| Warm up: | 2 min. |
| Environmental: | Operating Temp: -20 °C to + 70 °C (- 4F to 158 F) |

Mechanical Data

| | |
|-----------------|---|
| Dimensions: | Height 11.5", Width 9", Depth 7.5" (292 mm x 228 mm x 190 mm) |
| Weight: | 8 lbs |
| Protection Std: | NEMA 4 |

weber

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