



Flow Controller

The Flow Controller is a 1/8 DIN digital meter designed to display both flow rate and total from a pulse output flowmeter. It features a dual-line, 6-digit display, with optional Sunbright® sunlight-readable LEDs. Typically, the flow rate is shown on the upper line, while the cumulative total is displayed on the lower line. The total overflow feature supports up to a 9-digit total and grand total display.

Key Features

- **Certifications:** UL / C-UL listed and CE marked.
- **Durability:** NEMA 4X front.
- **Power Options:** Available with AC or DC power.
- **Versatility:** Can be equipped with up to four internal relays, a 4-20 mA output, and Modbus® RTU serial communications.
- **Integrated Power Supply:** Includes a 24 VDC power supply to drive the flowmeter.
- **Ease of Programming:** Programmable via front panel pushbuttons or free MeterView® Pro software.

Single and Dual Flow Controller Options

Options:

- 2 or 4 SPDT (Form C) relays for alarm applications
- 12-24 V power supply
- Desktop mount version

Adapters:

- Serial communication RS-232 adapter
- Serial communication RS-485 adapter
- USB adapter for flow monitoring including software
- External 4 SPST (Form A) relays

Option for Dual Flow Controller only:

- Expansion module for 2 extra 4-20 mA outputs

Rate/Totalizer Features

- Power supply: 85-265 VAC 50/60 Hz 20 VA or 90-265 VDC 20 Watts
- Available in single or dual flow
- Panel mount or desktop
- 4-20 mA output
- NEMA 4X, IP65 front
- Large dual-line 6-digit display
- Programmable displays & function keys
- Modbus® RTU communication protocol standard
- Display rate & total at the same time
- Rate in units per second, minute, hour, or day
- Total, grand total or non- resettable grand total
- Password protection for total reset
- 9-digit totalizer with total overflow feature
- Total stored in non-volatile memory
- Any relay for rate or total



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