





**T**HE Fluidwell F-Series is a versatile line of indicators and controllers designed primarily for flow rate, total, and batch control applications. These products are easily programmed, accept a variety of inputs, and display them on a large, informative, optional backlit LCD. Options for relays, retransmission, and Modbus serial communications further enhance this broad line of instruments. Rugged field and panel mount enclosures and the ability to power the F-Series from AC, DC, battery, or a 4-20 mA loop allow these products to be installed virtually anywhere.

**Flow Rate/Totalizers**

- Twelve different models are offered to support:
- Pulse, NAMUR, coil, 4-20 mA, 0-10 V inputs
  - Flow rate, total, & accumulated total
  - Bi-directional measurements
  - 15-point linearization with pulse & analog output
  - Up to 4 high & low alarms w/backlight notification

**Key Features of the F-Series**

- NEMA 4X, IP67 aluminum or ABS plastic
- Intrinsically safe or explosion-proof enclosure
- -40 to 80°C operating temperature
- Loop-powered, 24 VDC/VAC, or 80-240 VAC
- Internal lithium battery with lifetime up to 7 years
- 0.7" numeric & 0.3" alphanumeric backlit LCD
- Wall, panel, sensor, or pipe mounting
- RS-232, RS-485 Modbus communications
- Retransmission of 4-20 mA, 0-10 V, or pulse



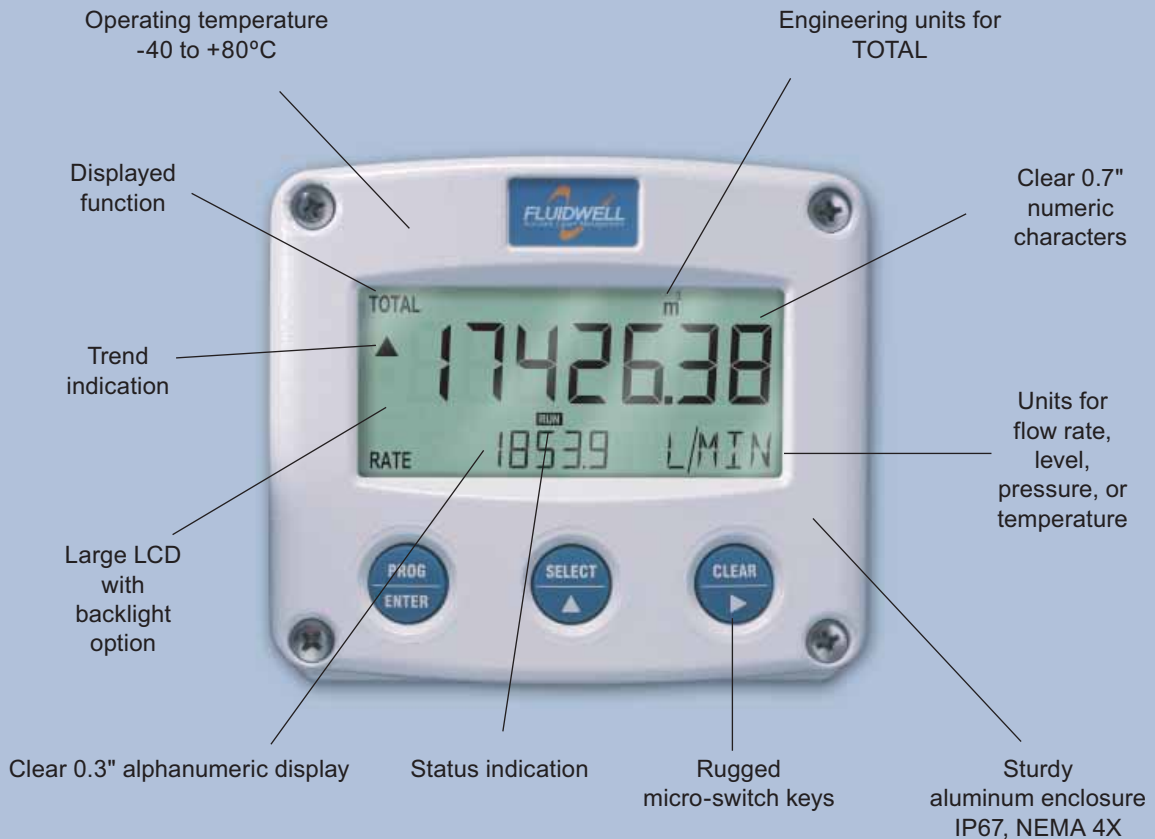
**Flow Computers**

- Five different models are offered to support:
- Pulse, NAMUR, coil, 4-20 mA, 0-10 V inputs
  - Flow plus temperature measurements for liquid volume calculations
  - Flow plus temperature and pressure measurements for gas volume calculations
  - Consumption/sum with temperature correction
  - Ratio calculation and monitoring





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**Typical F-Series Interface**

### **Batch Controllers/Dispensers**

Five different models are offered to support:

- Pulse, NAMUR, coil, 4-20 mA, 0-10 V inputs
- One or two stage control, one stage control & pulse
- Analog outputs for flow retransmission
- Resettable actual total
- Non-resettable accumulated total
- Self-learning overrun correction

### **Level, Temperature & Pressure**

Eleven different models are offered to support:

- 4-20 mA, 0-10 V, 100 Ω platinum RTD inputs
- 15-point linearization of input signal
- Actual level & percentage
- Dual pressure indication
- Up to 4 alarms with green to red indication
- 4-20 mA, 0-20 mA, or 0-10 V analog output







