

FLOW INDICATORS AND TOTALIZERS

With Analog and Digital Displays

FPM-5500



- ✓ 12 to 24 Vdc/ac Powered
- ✓ Simple Pushbutton Operation
- ✓ Independently Calibrated Flow and Totalizer Displays
- ✓ Two 8-Digit Totalizers

The FPM-5500 flow monitor is a feature-packed process monitor covering a wide spectrum of applications. Dual totalizers are calibrated independently of the digital analog flow rate. The user can reset one totalizer remotely from 30 m (100') away or expand the communication range of the system by connecting peripheral equipment to the isolated frequency output, the totalizer pulse output, the alarm contact outputs, or the 4 to 20 mA current output. Packaged in a slim-line housing with a NEMA 4X (IP66) shatter-resistant front panel, the FPM-5500 is one of the most sophisticated analog monitors available.

SPECIFICATIONS

Accuracy: $\pm 0.5\%$ of reading
Repeatability: $\pm 0.2\%$ of reading
Input: Optically isolated
Input Range: 0.5 Hz to 10 kHz
Display: NEMA 4X (IP66)
Update Rate: 1 s
Totalizers: 8-digit resettable with security option 8-digit non-resettable
Environmental:
Operating temperature: -10 to 55°C (14 to 131°F)
Relative Humidity: 0 to 95%, non-condensing
Alarm Contacts:
 High/low pulse programmable
Hysteresis: 2% of range (fixed)
2 SPDT Relays: 5 A @ 30 Vdc; 5 A @ 125 Vac; 3 A @ 250 Vac



FPM-5500 shown larger than actual size.

Current Output: 4 to 20 mA, non-isolated, internally powered
Update Rate: <100 ms
Loop Impedance: 350 Ω maximum @ 12V, 950 Ω maximum @ 24V
Accuracy: $\pm 0.1\%$
Frequency Output and Totalizer Pulse Output: Open-collector transistor, optically isolated, 5 mA maximum sink
Totalizer Reset: Front keypad or external contact closure; 30 m (100') maximum cable length
Dimensions: 97 L x 97 W x 76 mm D (3.8 x 3.8 x 3.0") 92 mm² Cutout
Compatible Sensors: FP-5300/5100, FP-5200, and FP-6000, and FP-5600
 Mounting accessories available.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

To Order

Model No.	Description
FPM-5500	Flowmeter and totalizer with analog and digital displays; reversible dial face kit includes (0 to 2, 0 to 4, 0 to 6, 0 to 8, 0 to 10 and 0 to 100)

Comes complete with operator's manual.

Ordering Examples: FPM-5500, flowmeter and totalizer with analog and digital displays. FPM-5500, flowmeter and totalizer with analog and digital displays, and OCW-3, OMEGACARESM extended warranty program.