

FLOW INDICATORS AND TOTALIZERS

With Analog and Digital Displays

FPM-5500
\$845



- ✓ 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



Visit omega.com/fpm5000 for mounting accessories.

FPM-5500, \$845, shown larger than actual size.

Current Output: 4 to 20 mA, non-isolated, internally powered

Update Rate: <100 ms

Loop Impedance: 350 Ω max @ 12V, 950 Ω max @ 24V

Accuracy: $\pm 0.1\%$

Frequency Output and Totalizer

Pulse Output: Open-collector transistor, optically isolated, 5 mA max sink

Totalizer Reset: Front keypad or external contact closure; 30 m (100') max 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, (pages F-27 through F-30, F-39), and FP-5600 (page F-34)



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.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
FPM-5500	\$845	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, flow meter and totalizer with analog and digital displays, \$845. FPM-5500, flow meter and totalizer with analog and digital displays, and OCW-3, OMEGACARESM extended warranty program, \$845 + 211 = \$1056.

Recommended Reference Book: Instrumentation Fundamentals for Process Control, ME-1805, \$131. See Section Y for Additional Books.



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