

RATEMETERS, TOTALIZERS, AND BATCH CONTROLLERS FOR FREQUENCY INPUTS

DPF75 Series

Starts at
\$240



DPF75, \$280, shown smaller than actual size.



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.

- ✓ Front-Panel Programming and Scaling
- ✓ Rate and Total in One Unit
- ✓ Remote or Front-Panel Reset
- ✓ Optional Analog Output for Rate or Total
- ✓ NEMA 4X (IP66) Front Panel

The DPF75 is a combination 6-digit totalizer/batch controller and 5½ digit ratemeter with 2 relays. The user can set one relay for batch and the other for rate alarm. The totalizer and ratemeter display in the same engineering units: units per second, minute, or hour. The DPF75 can accept 2 inputs and separately scale them for "A - B" or "A + B". Either input A rate or net total can be displayed.

The DPF76 is a 6-digit scalable totalizer/batch controller with 2 relays for 2-stage batch control. The DPF78 is a 4½ digit scalable ratemeter with 2 alarm relays.

SPECIFICATIONS

Input Power: 110 Vac ±15%, 220 Vac ±15%, 6.5 VA at rated AC voltage

Output Power (AC-Powered Units Only): +12 Vdc @ 50 mA unregulated—+10 + 50%

Rate Accuracy: ±0.1% of rdg + 1 LSD

K Factor: Up to 5-digits

Temperature:

Operating: 0 to 54°C (32 to 129°F)

Storage: -40 to 93°C (-40 to 199°F)

Memory: EEPROM stores data for 10 years if power lost

Pulse Input: Low = 0 to 1 Vdc; high = 4 to 30 Vdc; 10 kΩ impedance, up to 10 kHz; min 0.05 Hz for rate indication

Option "-LL": 30 mV min to 50V max p-p input, 10 kΩ impedance, 5 kHz max

Relays: Rated 5 A @ 240 Vac or 28 Vdc; SPST, selectable for NO or NC; relays latch or auto-recycle after 0.1 to 99.9 s

Panel Cutout: 4.5 H x 9.2 cm W (1.772 x 3.622"); DIN standard, 10.3 cm (4.06") depth

Bezel: 66.7 H x 112.7 mm W (2.625 x 4.437")

Shipping Weight: 907 g (2 lb)

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

| MODEL NO. | PRICE | DESCRIPTION |
|-----------|-------|---|
| DPF75 | \$280 | Ratemeter and batch controller with 2 separate 5 A SPST relays for rate alarm or batching |
| DPF76 | 240 | Scalable totalizer/batch controller with relays |
| DPF78 | 255 | Scalable ratemeter with 2 separate 5 A SPST alarms |

OPTIONS

| ORDERING SUFFIX | Add'l COST | DESCRIPTION |
|-----------------|------------|--|
| -A | \$135 | Analog output, 0 or 4 to 20 mA proportional to rate/total* |
| -LL | 60 | Low level magnetic input A, 30 mV range |
| -220 | N/C | 220 Vac power |
| -RS232 | 135 | RS232 communications* |
| -RS422 | 135 | RS422 communications* |

* "A", "RS232" and "RS422" options are mutually exclusive. Only one may be ordered with a unit.

ACCESSORIES

| MODEL NO. | PRICE | DESCRIPTION |
|-----------|-------|---|
| DPP-5 | \$525 | ½ DIN panel punch |
| FLSC-AMP | 70 | Amplifier for low-level turbine and paddlewheel sensor inputs |

Comes complete with operator's manual.

Ordering Examples: DPF75-RS232-LL, ratemeter/batch controller with RS232 output, and low-level input option, \$280 + 135 + 60 = \$475.

DPF75, totalizer/batch controller, OCW-3, OMEGACARESM extends standard 2-year warranty to a total of 5 years (\$69), \$280 + 69 = \$349.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters