

# RATEMETERS, TOTALIZERS, AND BATCH CONTROLLERS FOR FREQUENCY INPUTS

## DPF70 Series

Starts at  
**\$240**



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

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

- ✓ 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	75	Low level magnetic input A, 30 mV range
-220	N/C	220 Vac power
-RS232	130	RS232 communications*
-RS422	130	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	1/8 DIN panel punch
FLSC-AMP-A	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 + 130 + 75 = **\$485**.

DPF75, totalizer/batch controller, OCW-3, OMEGACARE<sup>SM</sup> extends standard 2-year warranty to a total of 5 years (**\$70**), \$280 + 70 = **\$350**.



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