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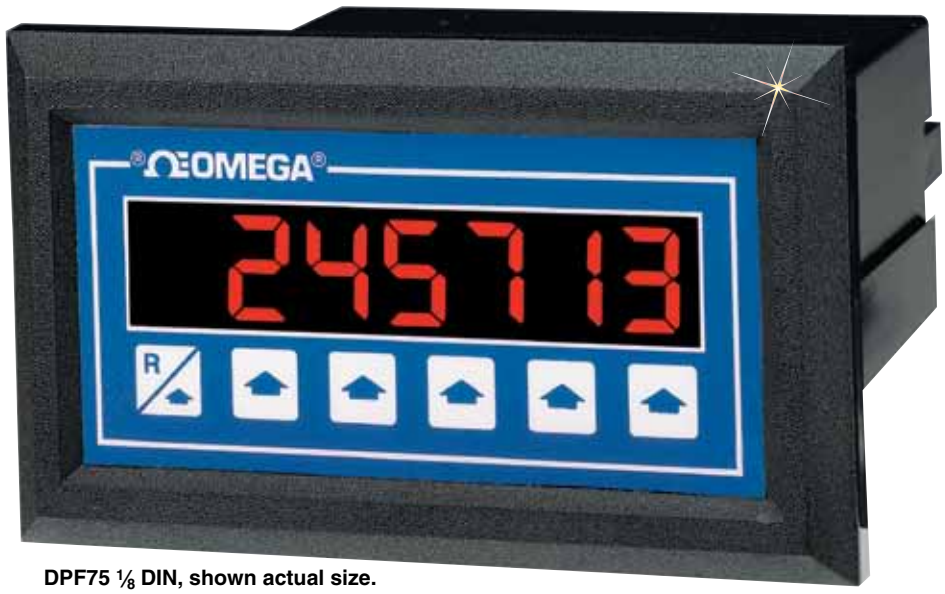
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⅛ DIN RATEMETERS, TOTALIZERS, AND BATCH CONTROLLERS

For Frequency Inputs

DPF76 Series

- 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



DPF75 ⅛ DIN, shown actual size.

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 maximum p-p input, 10 kΩ impedance, 5 kHz maximum
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
Shipping Weight: 907 g (2 lb)

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

To Order

Model No.	Description
DPF75	Ratemeter and batch controller with 2 separate 5 A SPST relays for rate alarm or batching
DPF76	Scalable totalizer/batch controller with relays
DPF78	Scalable ratemeter with 2 separate 5 A SPST alarms

Options

Ordering Suffix	Description
-A	Analog output, 0 or 4 to 20 mA proportional to rate/total*
-LL	Low level magnetic input A, 30 mV range
-220	220 Vac power
-RS232	RS232 communications*
-RS422	RS422 communications*

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

Accessories

Model No.	Description
DPP-5	⅛ DIN panel punch
FLSC-AMP	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.*

***DPF75,** totalizer/batch controller, **OCW-3,** OMEGACARE℠ extends standard 2-year warranty to a total of 5 years.*

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