

SERIES BATCH CONTROLLER

For Amplified Frequency Inputs



DPF11
Starts at



- ✓ 5-Digit Scaling Factor
- ✓ Display Rate, Batch Size, and Batch/Total or Grand Total
- ✓ Second B Relay Programmable for Output at Prewarn or Selected Batch/Grand Total
- ✓ Pulse Input—10 kHz Max
- ✓ Security Lockout
- ✓ IP65 (NEMA 4X) Front Panel
- ✓ 30 mV Magnetic Pickup Inputs Optional
- ✓ RS422/RS232 Serial Communications
- ✓ 4 to 20 mA or 0 to 20 mA Analogue Output

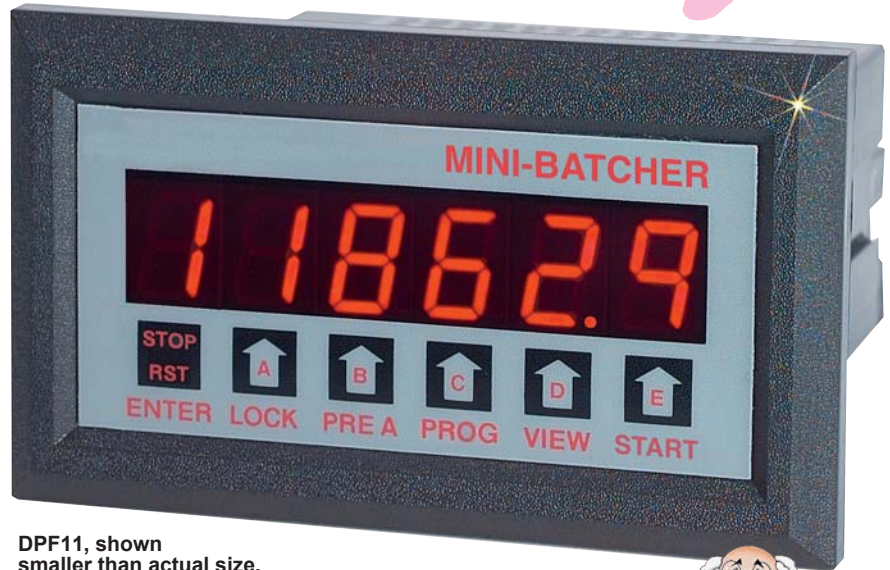
The DPF11 miniature batcher is ideal for all batching applications. The display will show batch amount, rate, and batch/grand total at the push of a button. The start and stop buttons make batching simple.

The DPF11 is a 6-digit totaliser and 4½ digit ratemeter with 2 relay outputs. One output is dedicated to the batch amount (preset A); the other can be activated for prewarn or batch/grand total. The unit can count up to the preset (reset to 0) or down from the preset (set to preset). Start, stop, and reset functions can be activated from the front panel or remotely.

An analogue output (assignable for rate or batch amount) is optional for data logging.

Up to 99 units can communicate to a host computer on a single RS232 or RS422 loop.

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, labour and equivalent loaners.



DPF11, shown smaller than actual size.

SPECIFICATIONS

Accuracy: 0.01% FS (±1 display digit)

Display: 6-digit, 13.97 mm high LED (±1 display digit)

Input Power:

110 Vac ±15% or 12 to 15 Vdc

220 Vac ±15% or 12 to 15 Vdc (optional)

24 Vac ±15% or 12 to 15 Vdc (optional)

Current: 250 mA DC max. or 6.5 VA AC

Output Power: (AC-powered units only)

12 Vdc @ 50 mA, unregulated -10 +50%

Temperature:

Operating: 0 to 54°C

Storage: -40 to 93°C

Humidity: 0 to 90% RH, non-condensing

Memory: EEPROM stores data for

10 years if power is lost

Pulse Input:

Low = 0 to 1 Vdc,

High = 4 to 30 Vdc

10 H impedance,

up to 10 kHz;

min 0.05 Hz for

rate indication

Magnetic Input: 30 mV input (50 V

max) signals 10 k 5 kHz max

Output Relays: (2) Rated 5 A, 120/240

Vac or 28 Vdc (NC relay contacts and

NPN transistor output available with

solder jumpers)

Panel Cutout:

92 W x 45 H x 108 D mm

Shipping Weight: 9 kg



ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)	
Model No.	Description
DPF11	4/30 V pulse input (FLSC-AMP may be needed), 110 Vac*
DPF12	30 mV magnetic input (no FLSC-AMP required), 110 Vac*

Comes with complete operator's manual.

* For 230 Vac power, add suffix "-220 VAC" to model number, no charge. For 24 Vac power, add "-24 VAC" to model number, no charge. For RS232 or RS422 output, add suffix "-RS232" or "-RS422" and add to price. For field-selectable 4 to 20 mA or 0 to 20 mA output, add suffix "-A" to part number and add to price.

Ordering Examples: DPF11-RS232-220VAC, ratemeter/batch controller with RS232 output, 230 Vac powered, OCW-3 OMEGACARESM extends standard 2-year

warranty to a total of 5 years DPF12-A-220VAC, ratemeter/batcher with

4 to 20 mA output, 230 Vac powered,

Accessories

Model No.	Description
FLSC-AMP	Amplifies low-level turbine and paddlewheel sensors
FW-417	Reference Book: Instrumental and Control Systems



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www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

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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

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