

# 1/8 DIN BATCH CONTROLLER

## for Amplified Frequency Inputs

DPF11



- ✓ 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
- ✓ Security Lockout
- ✓ NEMA 4X (IP65) Front
- ✓ Optional RS422 or RS232
- ✓ Analog Output Available

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 totalizer and 4.5 digit ratemeter with two 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 remote inputs.

An analog 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.

### SPECIFICATIONS

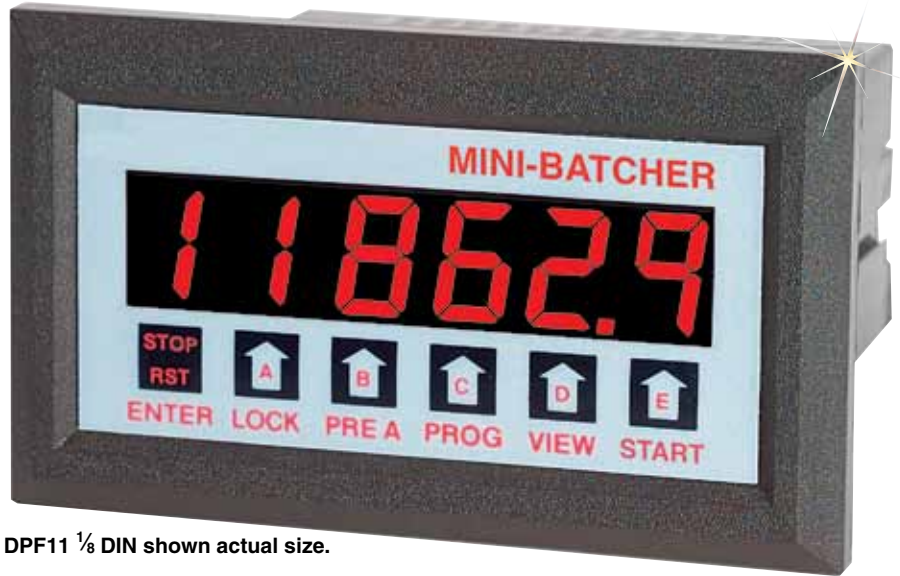
**Accuracy:** 0.01% FS ( $\pm 1$  display digit)

**Display:** 6-digit, 13.97 mm (0.55") high LED ( $\pm 1$  display digit)

**Input Power:** 110 Vac  $\pm 15\%$ , 220 Vac  $\pm 15\%$ , 24 Vac  $\pm 15\%$

**Current:** 250 mA DC maximum or 6.5 VA AC

**Output Power:** (AC powered units only) 12 Vdc @ 50 mA, unregulated -10 +50%



DPF11 1/8 DIN shown actual size.

#### Temperature:

**Operating:** 0 to 54°C (32 to 130°F)

**Storage:** -40 to 93°C (-40 to 200°F)

#### Humidity:

0 to 90% RH, non-condensing  
Memory: EEPROM stores data for 10 years if power is lost

#### Approvals:

CE approved

#### Pulse Input:

**Low:** 0 to 1 Vdc

**High:** 4 to 30 Vdc 10 k $\Omega$  impedance, up to 10 kHz; min 0.05 Hz for rate indication

#### Mag. Input:

30 mV input, (50V maximum) signals 10 k $\Omega$  imp. 5 kHz maximum

**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 mm D (3.622 x 1.772 x 4.245")

**Dimensions:** 113 W x 67 H x 126 mm D (4.44 x 2.63 x 4.95")

**Shipping Weight:** 9 kg (2 lb)



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.

### To Order

Model No.	Description
DPF11	4/30V pulse input (FLSC-AMP-A may be needed)
DPF12	Low level MAG. input (No FLSC-AMP-A required)

### Options

Ordering Suffix	Description
-A	Analog output, 0 or 4 to 20 mA proportional to rate/total*
-220VAC	220 Vac power
-24VAC	24 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	1/8 DIN panel punch
FLSC-AMP-A	Amplifies low-level turbine and paddlewheel sensors

Comes complete with operator's manual.

**Ordering Examples:** DPF11-RS232 is a ratemeter/batch controller with RS232 output, OCW-3 OMEGACARE<sup>SM</sup> extends standard 2-year warranty to a total of 5 years.

DPF12-A, ratemeter/batcher with 4 to 20 mA output.