

1/8 DIN 6-DIGIT RATE METER/TOTALIZERS

**MONOGRAM[®]
SERIES**

DPF701
\$260
All Models



- ✓ Measures Rate from 0.5 Hz to 30 kHz
- ✓ Totalizes Up or Down from -99,999 to 999,999 or Acts as Accumulating Stopwatch
- ✓ 6-Digit, 7-Segment LED, 14.2 mm H (0.56")



DPF701 1/8 DIN, \$260, FP7001A flow sensor, \$200, and FP7010-GI fitting, \$110, shown smaller than actual size, see page F-21 for details. Please see page M-52 for additional accessories.

DP40-BB-YL yellow BUMPER BAND[®] protective guard, sold separately, \$5. A gray BUMPER BAND guard is supplied with every unit.

Signal Input Choices (Selectable by DIP Switch)

- ✓ TTL Compatible with Protection to 25V
- ✓ Low Level (25 mV rms)
- ✓ High Level Signals Protected to 115V
- ✓ NAMUR
- ✓ Open Collector PNP or NPN

Communications and Control

- ✓ RS232 Output Optional
- ✓ Optional Dual 6A Form C Relays
- ✓ Analog Output, Scalable, 4 to 20 mA, 0 to 20 mA, 0 to 10V (Optional)

SPECIFICATIONS

Functions: Rate and totalize selected by menu

Display: 6-digit, 7-segment red LED display

Inputs

Type: Single input. TTL, CMOS, NPN open collector, contact closure and magnetic pickup compatible; selected by DIP switch. Non-isolated.

Level: Max 60V; min 25 mV rms

Frequency: 30 kHz max

Excitation: Regulated, 5.0, 8.2, or 12.5V selected by DIP switch, 100 mA max

Accuracy: ±0.5 LSD of total; 0.01% of the rate ±1.5 LSD

Setpoints: Two, optional

Alarm Outputs: Optional

Communication: RS232, analog output, optional

Rate Measurement Technique: 1/x

Gate Time: 0.30 sec

Decimal Point: Programmable or autoranging

Trigger Slope: Selectable by DIP switch

Leading Zeros: Blank

Power: 115 or 230 ±15% Vac

Dimensions: 48 H x 96 W x 152 mm D (1.9 x 3.8 x 6")

Panel Cutout: 45 H x 92 mm D (1.8 x 3.6")

Weight: 454 g (1 lb)

**BEZEL DESIGN IS A
REGISTERED TRADEMARK**

The DPF701 ratemeter/totalizer offers user programming via the 5 front-panel keys. Scale factor can be programmed from -99,999 to 999,999 (any decimal point, multiply or divide), while offset can be programmed from -99,999 to 999,999 (any decimal point).

Programs are stored in non-volatile memory, with three levels of program lockout for security. Optional features include Hi or Lo setpoints for control or alarm, plus RS232 communication. Fixed decimal point or autoranging is standard.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
DPF701	\$260	115 Vac/7.5 to 13 Vdc powered
DPF702	260	230 Vac/7.5 to 13 Vdc powered
Option Boards (Field Installable)		
DPF700-A	\$100	Analog output board
DPF700-R	75	Dual 6 A relay board
DPF700-232	60	RS232 output board

Accessories

Model No.	Price	Description
DP40-BB-(*)	\$5	1/8 DIN bumper band
DPP-5	525	1/8 DIN panel punch

* Specify color code: **GY** (gray), **YL** (yellow), **BK** (black), **BL** (blue), **GR** (green), **RD** (red), **OR** (orange), **VL** (purple) or **WH** (white).

Comes complete with gray BUMPER BAND[®] protective rubber guard and operator's manual.

Ordering Examples: DPF701, plus DPF700-A, analog output board, \$260 + 100 = **\$360**.

DPF702, plus DP40-BB-YL, yellow BUMPER BAND, \$260 + 5 = **\$265**. DP40-BB-YL is a yellow protective guard for 1/8 DIN meters, \$5.



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