

# Digital Flow Meter



This digital flow meter receives output pulse from digital flow switch or sensor and displays instantaneous flow rate of liquid.

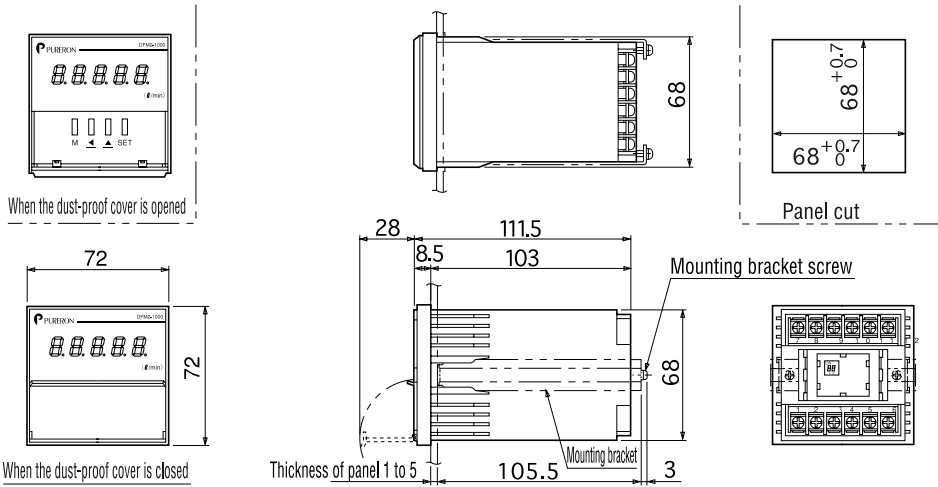
- Easy flow rate reading with 10 mm character height LED
- Wide range from 0.2 to 120L/min applicable
- Compact 72 x 72mm DIN size for front panel
- Flow rate range setting by switch operation

Specification

Model	DFM2-1000
Display	Red 7 segment LED 10 (height) x 5.5 (width) mm
Display Range	0 to 99999 max. 5 digits displayed
Counting Method	Period measurement calculation method
Decimal Point	0 to 4 digits after decimal point displayed, arbitrarily settable
Displayed Value Calibration Method	Scaling change by panel key on front face
Display Flow Rate Range	0.2 to 2, 0.5 to 5, 2.5 to 25, 12 to 120 (L/min)
Auto Zero Time Setting	1 to 9 seconds can be set by one second unit
Pulse Input (INI)	Input resistance: 10kΩ (pulled up to DC 24V) negative logic operation Input current: 2mA or less Operation voltage: ON voltage = 2V or less / OFF voltage = 5V or more Pulse width: 50μs or more for both of H and L
Setting Prohibition Input (KPT)	Input resistance: 10kΩ (pulled up to DC 24V) negative logic operation Input current: 2mA or less Operation voltage: ON voltage = 2V or less (each setting value cannot be changed) OFF voltage = 5V or more (each setting value can be changed)
Memory Setting	Memory method: memorized by nonvolatile element (NV-RAM) Memory time: approximately 10 years
AC Power Supply	AC 100V/200V, 90 to 120%, 50/60Hz
DC Power Supply	DC 24V ± 10%, 80mA
Power Consumption	Approximately 8.5VA
Operating Temperature	-10 to 50°C (however, no freezing)
Operating Humidity	35 to 85% RH (however, no dew condensation)
Storage Temperature	-25 to 85°C (however, no freezing)
Weight	450g (accessory included)
Accessory	Panel attachment bracket/screw
Adapted Model	All digital flow switch models, digital flow sensor

※For setting change, refer to instruction manual included with product.

Dimensional Outline Drawings



How to Order

Flow rate set at the arrangement of set

**DFM 2 - 1000 - 25**

5	:	5L(0.5 to 50/min)
25	:	25L(2.5 to 250/min)
120	:	120L( 12 to 1200/min)

※Enter only when DFS3 and set are arranged

※Specification is subject to change without notice.