

How to Order



Remote Type Display Unit

PFW3 0 0 - A -

● **Flow rate range**

1	0.5 to 4 /min
0	2 to 16 /min
2	5 to 40 /min
3	10 to 100 /min

● **Output specification**

0	NPN open collector 2 outputs
1	PNP open collector 2 outputs

● **Mounting**

A	Panel mounting
B	DIN rail, wall mounting

DIN rail type for PFW330-B (for 100 /min) is a semi-standard option.

● **Panel mount adapter part no.**

Description	Panel adapter B
Part No.	ZS-22-02

● **Unit specification**

Nil	With unit switching function
M	Fixed SI unit ^{Note)}

Note) Fixed units:
Real-time flow rate: /min
Accumulated flow: /

Specifications

Model	PFW310	PFW311	PFW300	PFW301	PFW320	PFW321	PFW330	PFW331
Flow rate measurement and set flow rate range	0.5 to 4 (setting is 0.6 to 4) /min		2 to 16 /min		5 to 40 /min		10 to 100 /min	
Minimum setting unit	0.05 /min		0.1 /min		0.5 /min		1 /min	
Display units ^{Note 1)}	Real-time flow rate	/min, gal (US)/min						
	Accumulated flow	/ gal (US)						
Accumulated flow range	0.0 to 99999.9 /			0 to 999999 /				
Operating temperature range	0° to 50°C (with no condensation)							
Linearity ^{Note 2)}	±5% F.S. or less						±3% F.S. or less	
Repeatability ^{Note 2)}	±3% F.S. or less						±1% F.S. or less	
Temperature characteristics ^{Note 2)}	±5% F.S. or less (0° to 50°C)						±1% F.S. or less (15° to 35°C) ±2% F.S. or less (0° to 50°C)	
Output specifications ^{Note 3)}	Switch output	NPN open collector	Maximum load current: 80mA Maximum applied voltage: 30V Internal voltage drop: 1V or less (with load current of 80mA)					
		PNP open collector	Maximum load current: 80mA Internal voltage drop: 1.5V or less (with load current of 80mA)					
Indicator lights	Lights up when output is ON, OUT1: Green; OUT2: Red							
Response time	1 sec. or less							
Hysteresis	Hysteresis mode: Variable (can be set from 0) Window comparator mode: 3-digit fixed ^{Note 4)}							
Power supply voltage	12 to 24VDC (ripple ±10% or less)							
Current consumption	50mA or less						60mA or less	
Weight	45g							
Enclosure	IP40							

Note 1) For digital flow switch with unit switching function. (Fixed SI unit [/min or / gal] will be set for switch types without the unit switching function.)

Note 2) The system accuracy when combined with PFW5□□□.

Note 3) The output functions operate only for the real-time flow rate display, and do not operate for the accumulated flow display.

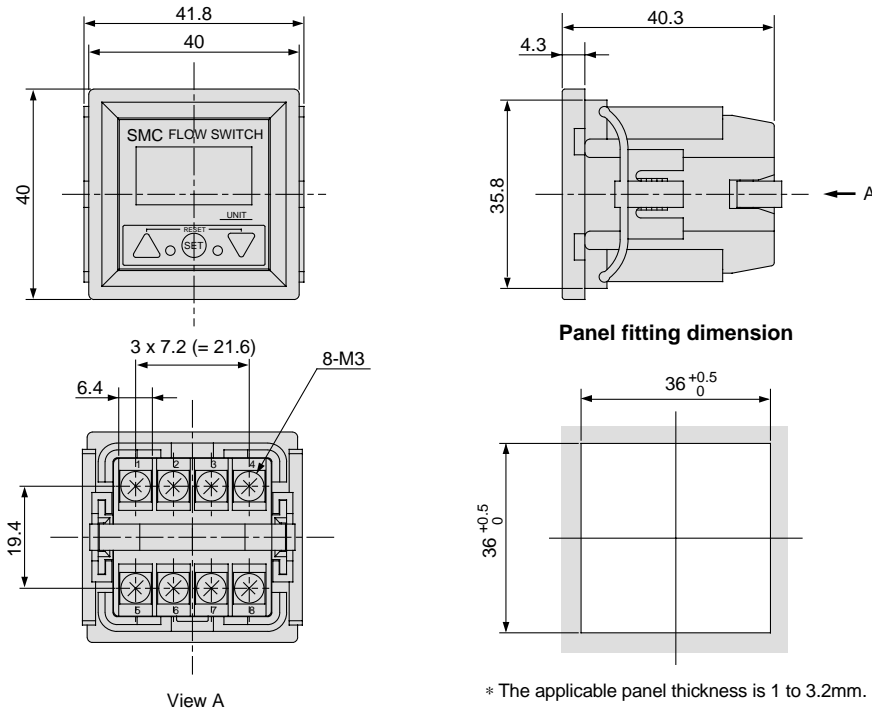
Note 4) Window comparator mode — Since hysteresis will reach 3 digits, keep P1 and P2 apart by 7 digits or more. The minimum setting unit is 1 digit. (refer to the table above).

Series PFW

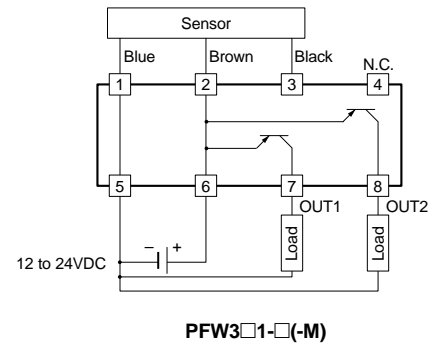
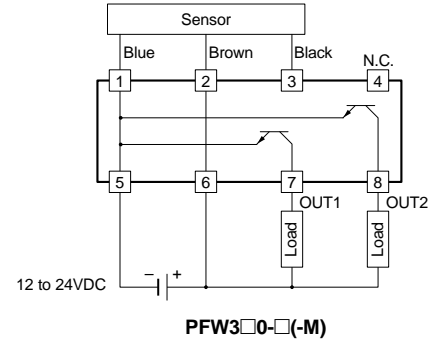
Dimensions: Remote Type Display Unit for Water

PFW3□□-A

Panel mounting type



Internal circuits and wiring examples



PFW3□□-B

DIN rail type

