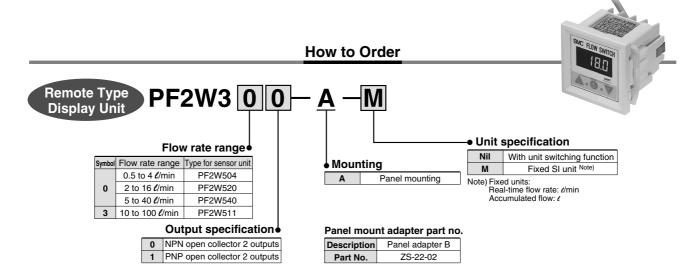
Series PF2W



Specifications

Model		PF2W300/301				PF2W330/331
Flow rate measurement range Note 1)		0.35 to 4.5 ℓ/min	1.7 to 17.0 ℓ/min	3.5 to 45 <i>U</i>	min e	7 to 110 ℓ/min
Set flow rate range Note 1)		0.35 to 4.5 ℓ/min	1.7 to 17.0 <i>e</i> /min	3.5 to 45 <i>U</i>	min e	7 to 110 <i>e</i> /min
Minimum set unit Note 1)		0.05 ℓ /min	0.1 ℓ/min	0.5 / /mii	n	1 ℓ/min
Accumulated pulse flow rate exchange value (Pulse width: 50 ms) Note 1)		0.05 // pulse	0.1 ℓ/pulse	0.5 ℓ /puls	se	1 dpulse
Note 2		€/min, gal(US)/min				
Displ units	Accumulated flow	ℓ, gal(US)				
Accumulated flow range Note 3)		0 to 999999 ℓ				
Linearity Note 4)		±5% F.S. or less				±3% F.S. or less
Repeatability Note 4)		±3% F.S. or less				±1% F.S. or less
Temperature characteristics		±2% F.S. or less (0 to 50°C, based on 25°C), ±1% F.S. or less (15 to 35°C, based on 25°C)				
Current consumption (No load)		50 mA or less				60 mA or less
Weight		45 g				
Output Note 5) specifications	Switch output	NPN open collector (PF2W3	800, PF2W330) Inte Max 2 ou Max	Maximum load current: 80 mA Internal voltage drop: 1 V or less (with load current of 80 mA) Maximum applied voltage: 30 V 2 outputs Maximum load current: 80 mA Internal voltage drop: 1.5 V or less (with load current of 80 mA)		
0 <u>w</u>	Accumulated pulse output	2 outputs NPN or PNP open collector (same as switch output)				
E	Enclosure IP40				σαιραί)	
Operating temperature range		Operating: 0 to 50°C, Stored: –25 to 85°C (with no freezing and condensation)				
S M	ithstand voltage	1000 VAC for 1 min. between external terminal and case				
Resistance IN M	sulation resistance	50M Ω or more (500 VDC Mega) between external terminal and case				
is vi	bration resistance	10 to 500 Hz with a 1.5 mm amplitude or 98 m/s ² acceleration in each X, Y, Z direction for 2 hrs, whichever is smaller.				
	pact resistance	490 m/s ² in X, Y, Z directions 3 times each				
N	oise resistance	1000 Vp-p, Pulse width 1 μs, Rise time 1 ns				
Indicator light		3-digit, 7-segment LED				
Status LED's		Illuminates when output is ON, OUT1: Green; OUT2: Red				
Power supply voltage		12 to 24 VDC (ripple ±10% or less)				
Response time		1 sec. or less				
Hysteresis		Hysteresis mode: Variable (can be set from 0) Window comparator mode: 3-digit fixed Note 6)				

Note 1) Values vary depending on each set flow rate range.



Note 2) For digital flow switch with unit switching function. (Fixed SI unit [t/min or t] will be set for switch types without the unit switching function.) Note 3) Accumulated flow rate is reset when the power supply turns OFF.

Note 4) The system accuracy when combined with PF2W5□□.

Note 5) Switch output and accumulated pulse output can be selected during initial setting.

Note 6) Window comparator mode — Since hysteresis (H) will reach 3 digits, keep P_1 and P_2 or n_1 and n_2 apart by 7 digits or more. (In case of output OUT2, n_1, 2 to be n_3, 4 and P_1, 2 to be P_3, 4.)

Note 7) The display unit conforms to the CE mark.