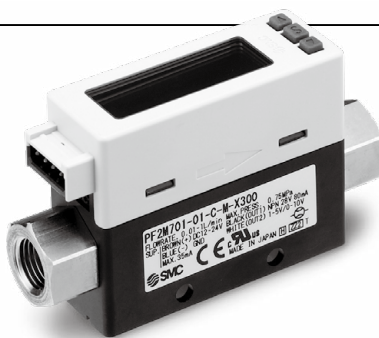


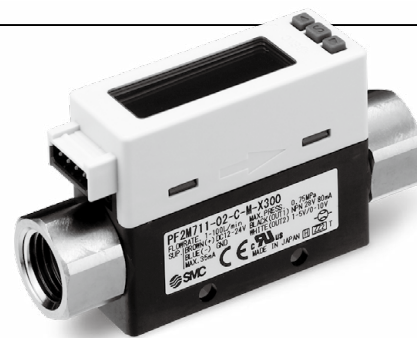
Low Particle Generation 2-Color Display Digital Flow Switch



0.1 to 10 L/min **PF2M710-X300**
 0.3 to 25 L/min **PF2M725-X300**
 0.5 to 50 L/min **PF2M750-X300**

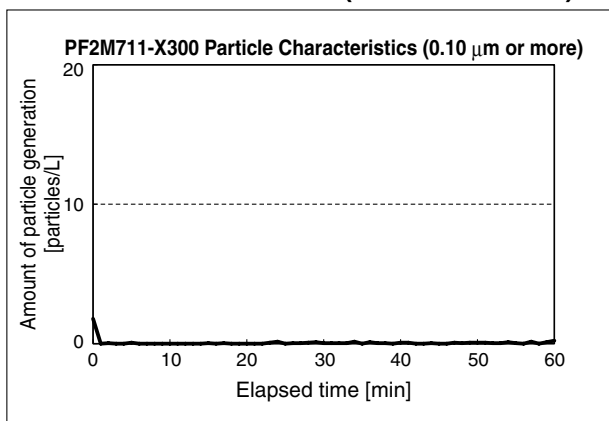


0.01 to 1 L/min **PF2M701-X300**
 0.02 to 2 L/min **PF2M702-X300**
 0.05 to 5 L/min **PF2M705-X300**



1 to 100 L/min **PF2M711-X300**
 2 to 200 L/min **PF2M721-X300**

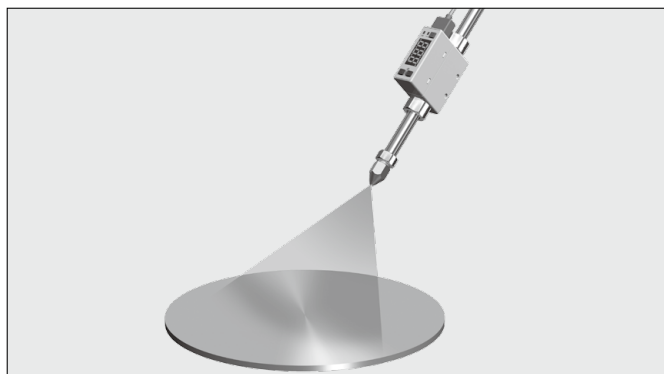
● Particle Generation Characteristics (Reference Data)



● Metal Material of Parts in Contact with Fluid: Stainless Steel 304

<Application Example>

Flow control of a clean air blow in clean room environments



* When the product is used for blowing, use caution to prevent the workpiece from being damaged by air entrained from the surrounding area.

● Specifications


Ultrasonic cleaning	Metal parts in contact with fluid: Fitting, Mesh
Degreasing treatment	Body, O-ring
Air blow	Air blow of the fluid passage*1
Clean packaging	Antistatic bag (Double packaged)

*1 With Class 100 air in a Class 10000 clean room

● IO-Link Compatible

The flow rate value and the device status can be figured out easily via the process data.

Diagnosis items	Over current error, Outside of rated flow range, Accumulated flow error, Internal product malfunction
------------------------	---

Series	Applicable fluid	Detection method	Smallest settable increment	Rated flow range [L/min]															
				0.01	0.02	0.05	0.1	0.3	0.5	1	2	5	10	20	25	50	100	150	200
 PF2M7-X300	Dry air N ₂ Ar CO ₂	Thermal type (MEMS)	0.001 L/min	0.01	0.02	0.05	0.1	0.3	0.5	1	2	5	10	20	25	50	100	150	200
			0.01 L/min	0.01	0.02	0.05	0.1	0.3	0.5	1	2	5	10	20	25	50	100	150	200
			0.1 L/min	0.01	0.02	0.05	0.1	0.3	0.5	1	2	5	10	20	25	50	100	150	200
			1 L/min	0.01	0.02	0.05	0.1	0.3	0.5	1	2	5	10	20	25	50	100	150	200

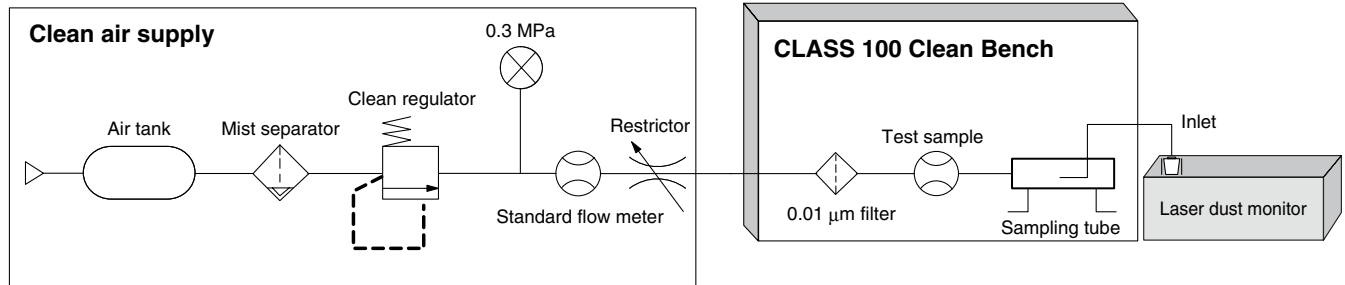
PF2M7-X300



PF2M7-X300

Particle Generation Characteristics

Measuring Method



[Test Method]

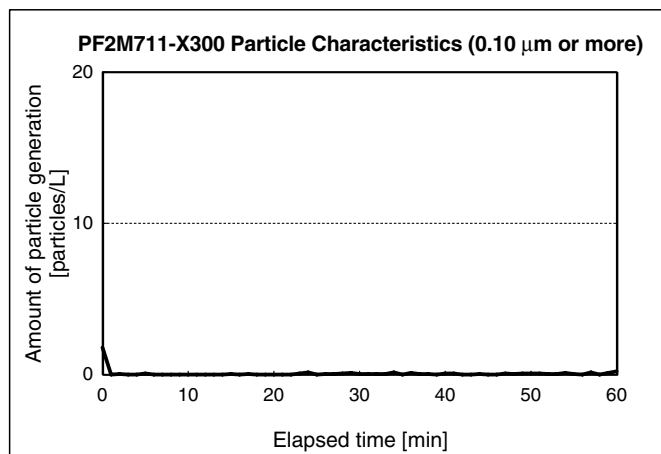
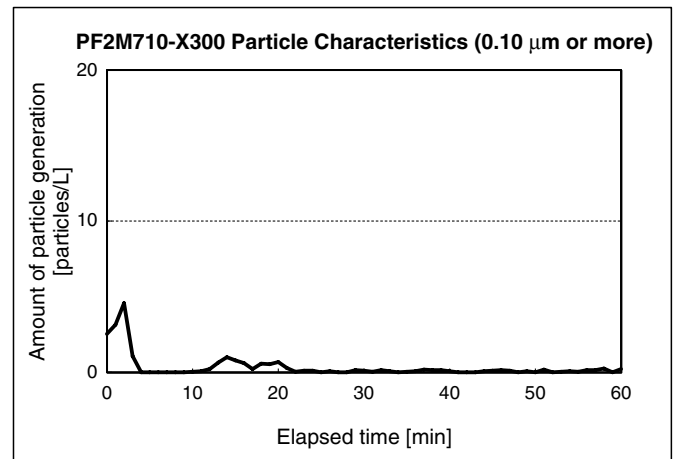
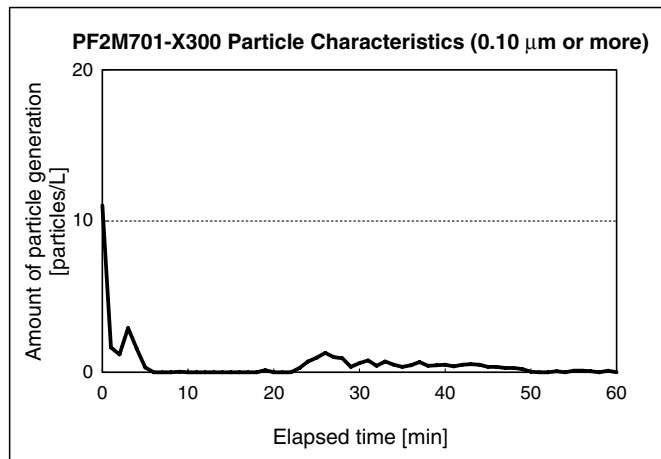
Place a sampling tube at the latter stage of the test sample and measure the number of generated particles with a laser dust monitor.

[Measuring Conditions]

Measuring instrument	Description	Automatic particle counter using the light scattering method
		Minimum measurable particle diameter
	Suction flow rate	28 L/min
Setting conditions	Sampling time	1 min
	Interval time	4 min
	Sampling air flow	28 L

* The flow rate used during measuring is the max. rated flow of the test sample.

Particle Generation Characteristics (Reference Data)



Low Particle Generation 2-Color Display

Digital Flow Switch

PF2M7-X300



How to Order

PF2M7 **10** - **01** - **A** **□** - **M** **□** **□** - X300

Integrated display ● ① ② ③ ④ ⑤ ⑥ ⑦

① Rated flow range

01	0.01 to 1 L/min	25	0.3 to 25 L/min
02	0.02 to 2 L/min	50	0.5 to 50 L/min
05	0.05 to 5 L/min	11	1 to 100 L/min
10	0.1 to 10 L/min	21	2 to 200 L/min

② Port size

Symbol	Port size	Rated flow range							
		01	02	05	10	25	50	11	21
01	Rc1/8	●	●	●	●	●	●	—	—
02	Rc1/4	—	—	—	—	—	—	—	●

③ Output specification

Symbol	OUT1	OUT2
A	NPN	NPN
B	PNP	PNP
C	NPN	Analog 1 to 5 V ⇔ Analog 0 to 10 V*1
D	NPN	Analog 4 to 20 mA
E	PNP	Analog 1 to 5 V ⇔ Analog 0 to 10 V*1
F	PNP	Analog 4 to 20 mA
L	IO-Link/NPN/PNP	—
L2	IO-Link/NPN/PNP	NPN/PNP/External input
L3	IO-Link/NPN/PNP	Analog 1 to 5 V ⇔ Analog 0 to 10 V*1
L4	IO-Link/NPN/PNP	Analog 4 to 20 mA

*1 1 to 5 V or 0 to 10 V can be selected by pressing the button.
The default setting is 1 to 5 V.

④ Option 1

Nil	W
Lead wire with connector (2 m)	Lead wire with connector (2 m) + Connector cover (Silicone rubber)
10-ZS-33-D	10-ZS-33-F 10-ZS-33-D +
* Interchangeable with the existing PFM7 series	* Interchangeable with the existing PFM7 series
N	Q
Without lead wire with connector	M12 conversion lead wire (0.1 m)

⑤ Unit specification

M	SI unit only*2
Nil	Unit selection function*3

*2 Fixed unit: Instantaneous flow: L/min
Accumulated flow: L

*3 This product is for overseas use only. (The SI unit type is provided for use in Japan in accordance with the New Measurement Act.)
The unit can be changed.
Instantaneous flow: L/min ⇔ cfm
Accumulated flow: L ⇔ ft³

⑦ Calibration certificate*4

Nil	None
A	Yes

*4 Made to order
The certificate is in both English and Japanese.

⑥ Option 2

Nil	R	T
Without bracket	Bracket (For the type without a flow adjustment valve) 10-ZS-33-M	Panel mount adapter (For the type without a flow adjustment valve) 10-ZS-33-2J
	With 2 tapping screws (3 x 6)	Panel mount adapter Panel mount adapter B Panel Mounting bracket
	* Interchangeable with the existing PFM series	

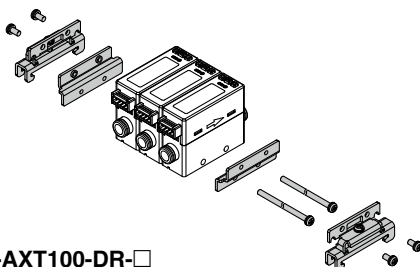
* Options are shipped together with the product but do not come assembled.

DIN Rail Mounting Bracket (Ordered Separately)

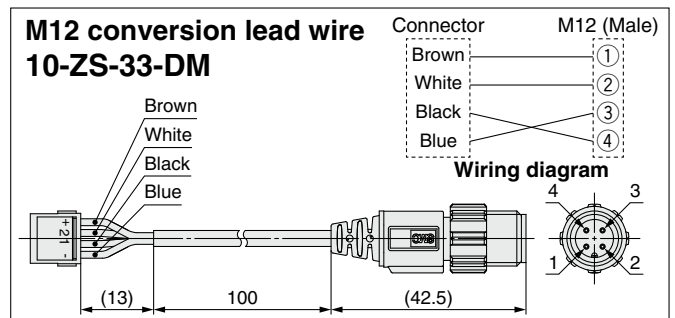
10-ZS-33-R **3**

* Interchangeable with the existing PFM series

Stations	
1	1 station
2	2 stations
3	3 stations
4	4 stations
5	5 stations



DIN rail part number: 10-AXT100-DR-□



PF2M7-X300

Refer to the **Web Catalog** for flow switch precautions. For details on the specific product precautions, refer to the "Operation Manual" on the SMC website.

Specifications/PF2M7-X300

Model		PF2M701-X300	PF2M702-X300	PF2M705-X300	PF2M710-X300	PF2M725-X300	PF2M750-X300	PF2M711-X300	PF2M721-X300		
Fluid	Applicable fluid*1	Dry air, N ₂ , Ar, CO ₂ (JIS B 8392-1 1.1.2 to 1.6.2, ISO 8573-1 1.1.2 to 1.6.2)									
	Fluid temperature range	0 to 50°C									
Flow	Detection method	Thermal type (Main flow type)			Thermal type (Bypass flow type)						
	Rated flow range [L/min]	Dry air, N ₂ , Ar	0.01 to 1	0.02 to 2	0.05 to 5	0.1 to 10	0.3 to 25	0.5 to 50	1 to 100	2 to 200	
		CO ₂	0.01 to 0.5	0.02 to 1	0.05 to 2.5	0.1 to 5	0.3 to 12.5	0.5 to 25	1 to 50	2 to 100	
	Set point range	Instantaneous flow [L/min]	-0.05 to 1.05	-0.1 to 2.1	-0.25 to 5.25	-0.5 to 10.5	-1.3 to 26.3	-2.5 to 52.5	-5 to 105	-10 to 210	
		Accumulated flow [L]	0.00 to 9999999.99								
	Smallest settable increment	Instantaneous flow [L/min]	0.001			0.01			0.1		1
		Accumulated flow [L]	0.01		0.1			1		1	
Accumulated volume per pulse [L/pulse]	0.01		0.1			1		1			
Accumulated value hold function*2	Intervals of 2 or 5 minutes can be selected.										
Pressure	Operating pressure range	-0.1 to 0.75 MPa									
	Rated pressure range*3	-0.07 to 0.75 MPa									
	Proof pressure	1.0 MPa									
	Pressure loss	Refer to the "Pressure Loss" graph.									
	Pressure characteristics	±5% F.S. ±1 digit (0.35 MPa standard)									
Electrical	Power supply voltage*4	For the switch output device	12 to 24 VDC ±10%								
		For the IO-Link device	18 to 30 VDC ±10%								
	Current consumption	35 mA or less									
Protection	Polarity protection										
Accuracy*5	Display accuracy	±3% F.S. ±1 digit									
	Analog output accuracy	±3% F.S.									
	Repeatability	±1% F.S. ±1 digit (±2% F.S. ±1 digit when the digital filter is set to 0.05 s)									
	Temperature characteristics	±3% F.S. ±1 digit (15 to 35°C: 25°C standard) ±5% F.S. ±1 digit (0 to 50°C: 25°C standard)									
Switch output	Output type	NPN/PNP open collector									
	Output mode	Select from Hysteresis, Window comparator, Accumulated output, Accumulated pulse output, Error output, or Switch output OFF modes.									
	Switch operation	Select from Normal or Reversed output.									
	Max. load current	80 mA									
	Max. applied voltage	Standard	28 VDC (NPN only)								
		IO-Link compatible	30 VDC (NPN only)								
	Internal voltage drop	Standard	NPN: 1 V or less (Load current: 80 mA)			PNP: 1.5 V or less (Load current: 80 mA)					
		IO-Link compatible	1.5 V or less (Load current: 80 mA)								
	Response time*6	50 ms or less									
	Delay time*7	Select from 0 to 0.10 s (increment of 0.01 s), 0.1 to 1.0 s (increment of 0.1 s), 1 to 10 s (increment of 1 s), 20 s, 30 s, 40 s, 50 s, or 60 s.									
Hysteresis*8	Variable from 0										
Protection	Short circuit protection										
Analog output*9	Output type	Voltage output: 1 to 5 V, 0 to 10 V (only when the power supply voltage is 24 VDC)*10, Current output: 4 to 20 mA									
	Impedance	Voltage output	Output impedance: Approx. 1 kΩ								
		Current output	Maximum load impedance: 600 Ω at power supply voltage of 24 V, 300 Ω at power supply voltage of 12 V								
	Response time*6	50 ms ±40%									
Display	Reference condition*11	Select from Standard condition (STD) or Normal condition (NOR).									
	Display mode	Select from Instantaneous flow or Accumulated flow.									
	Unit*12	Instantaneous flow	L/min, cfm								
		Accumulated flow	L, ft ³								
	Display range	Instantaneous flow [L/min]	-0.05 to 1.05	-0.1 to 2.1	-0.25 to 5.25	-0.5 to 10.5	-1.3 to 26.3	-2.5 to 52.5	-5 to 105	-10 to 210	
		Zero cut-off range	0 to ±10% F.S. (Select per 1% F.S. for the maximum rated flow rate.)								
	Accumulated flow [L]*13	0.00 to 9999999.99	0.0 to 99999999.9			0 to 999999999.9		0 to 9999999999			
Display	LCD, Color: Red/Green, 4 digits, 7 segments										
Indicator LED	LED ON when switch output is ON (OUT1/2: Orange)										
Digital filter*14	Select from 0.05 s, 0.1 s, 0.5 s, 1 s, 2 s, or 5 s.										
Environmental resistance	Enclosure	IP40									
	Withstand voltage	1000 VAC for 1 minute between terminals and housing									
	Insulation resistance	50 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing									
	Operating temperature range	Operating: 0 to 50°C, Stored: -10 to 60°C (No condensation or freezing)									
	Operating humidity range	Operating/Stored: 35 to 85% RH (No condensation or freezing)									
Standards	CE marking (EMC Directive, RoHS Directive), UL (CSA)										
Piping*15	Piping specification	Screw-in (Rc)						01 (Rc1/8)		02 (Rc1/4)	
	Piping entry direction	Straight									
Main materials of parts in contact with fluid	PPS, FKM, Stainless steel 304, Si, Au, GE4F										
Weight	Body	Screw-in						60 g		72 g	
	Lead wire	+35 g									
	Bracket	+20 g									
	Panel mount adapter	+15 g									
	DIN rail mounting bracket	+65 g									
Cleanliness class (ISO class)	Class 4										

- *1 Refer to the "Recommended pneumatic circuit examples" on page 4.
- *2 When using the accumulated value hold function, use the operating conditions to calculate the product life, and do not exceed it. The maximum access limit of the memory device is 3.7 million times. If the product is operated 24 hours per day, the product life will be as follows:
 - 5 min interval: life is calculated as 5 min x 3.7 million = 18.5 million min = 35 years
 - 2 min interval: life is calculated as 2 min x 3.7 million = 7.4 million min = 14 years
- *3 Negative pressure indicates the pressure value on the IN side (inlet side).
- *4 When multiple products are installed closely, the upper limit of the power supply voltage is 24 VDC.
- *5 The accuracy value is based on dry air as a fluid. For other fluids, it is a reference value.
- *6 Value when the digital filter is set at 0.05 s
- *7 The time from when the instantaneous flow reaches the set value to when the switch output operates can be set.
- *8 If the flow fluctuates around the set value, the hysteresis must be set to a value more than the fluctuating width. Otherwise, chattering will occur.
- *9 When using a product with an analog output
- *10 When selecting 0 to 10 V, refer to the analog output graph for the allowable load current.
- *11 Standard condition (STD): 20 [°C], 101.3 [kPa] (Absolute pressure), 65 [% RH] (The flow rate given in the specifications is the value under standard conditions.)
Normal condition (NOR): 0 [°C], 101.3 [kPa] (Absolute pressure), 0 [% RH]
- *12 Setting is only possible for models with the unit selection function.
- *13 Power value is displayed for accumulated flow. The first 4 digits of the measurement value are always displayed.
- *14 The time for the digital filter can be set to the sensor input. The response time indicates when the set value is 90% in relation to the step input.
- *15 Some piping conditions may have negative effects on the flow accuracy.
- * Products with tiny scratches, marks, or display color or brightness variations which do not affect the performance of the product are verified as conforming products.

Communication Specifications (IO-Link mode)

IO-Link type	Device	
IO-Link version	V1.1	
Communication speed	COM2 (38.4 kbps)	
Minimum cycle time	3.4 ms	
Process data length	Input data: 4 bytes, Output data: 0 byte	
On request data communication	Yes	
Data storage function	Yes	
Event function	Yes	
Vendor ID	131 (0 x 0083)	
Device ID	PF2M701-□-L□-□□□-X300 : 0 x 00016D (365) PF2M701-□-L2□-□□□-X300: 0 x 00016E (366) PF2M701-□-L3□-□□□-X300: 0 x 00016F (367) PF2M701-□-L4□-□□□-X300: 0 x 000170 (368) PF2M702-□-L□-□□□-X300 : 0 x 000171 (369) PF2M702-□-L2□-□□□-X300: 0 x 000172 (370) PF2M702-□-L3□-□□□-X300: 0 x 000173 (371) PF2M702-□-L4□-□□□-X300: 0 x 000174 (372) PF2M705-□-L□-□□□-X300 : 0 x 000175 (373) PF2M705-□-L2□-□□□-X300: 0 x 000176 (374) PF2M705-□-L3□-□□□-X300: 0 x 000177 (375) PF2M705-□-L4□-□□□-X300: 0 x 000178 (376) PF2M710-□-L□-□□□-X300 : 0 x 000179 (377) PF2M710-□-L2□-□□□-X300: 0 x 00017A (378) PF2M710-□-L3□-□□□-X300: 0 x 00017B (379) PF2M710-□-L4□-□□□-X300: 0 x 00017C (380)	PF2M725-□-L□-□□□-X300 : 0 x 00017D (381) PF2M725-□-L2□-□□□-X300: 0 x 00017E (382) PF2M725-□-L3□-□□□-X300: 0 x 00017F (383) PF2M725-□-L4□-□□□-X300: 0 x 000180 (384) PF2M750-□-L□-□□□-X300 : 0 x 000181 (385) PF2M750-□-L2□-□□□-X300: 0 x 000182 (386) PF2M750-□-L3□-□□□-X300: 0 x 000183 (387) PF2M750-□-L4□-□□□-X300: 0 x 000184 (388) PF2M711-□-L□-□□□-X300 : 0 x 000185 (389) PF2M711-□-L2□-□□□-X300: 0 x 000186 (390) PF2M711-□-L3□-□□□-X300: 0 x 000187 (391) PF2M711-□-L4□-□□□-X300: 0 x 000188 (392) PF2M721-□-L□-□□□-X300 : 0 x 00023B (571) PF2M721-□-L2□-□□□-X300: 0 x 00023C (572) PF2M721-□-L3□-□□□-X300: 0 x 00023D (573) PF2M721-□-L4□-□□□-X300: 0 x 00023E (574)

Process Data

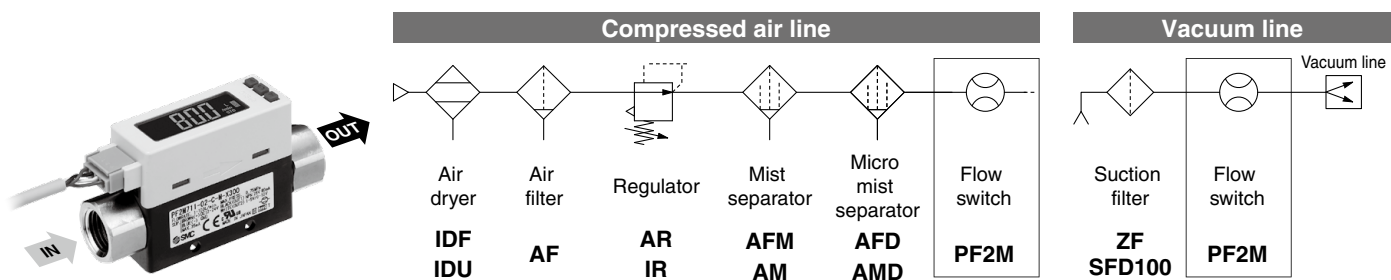
Bit offset	Item	Note
0	OUT1 output	0: OFF 1: ON
1	OUT2 output	0: OFF 1: ON
8	Diagnosis (flow rate)	0: Within range 1: Out of range (HHH/LLL)
14	Fixed output	0: Normal output 1: Fixed output
15	Diagnosis (error)	0: Error not generated 1: Error generated
16 to 31	Measured flow rate value	Signed 16 bit

Diagnosis items
<ul style="list-style-type: none"> · Over current error · Outside of rated flow range · Accumulated flow error · Internal product malfunction

Bit offset	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
Item	Measured flow rate value (PD)															
Bit offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Item	Error	Fixed	Reservation				Flow rate	Reservation				OUT2	OUT1			
	Diagnosis	Output					Diagnosis					Switch output				

PF2M7-X300

Recommended Pneumatic Circuit Examples



* Recommended air quality class: JIS B 8392-1 1.1.2 to 1.6.2 (ISO 8753-1 1.1.2 to 1.6.2)

Set Point Range and Rated Flow Range

Set the flow rate within the rated flow range.

The set point range is the range of flow rate that can be set in the switch.

The rated flow range is the range that satisfies the switch specifications (accuracy, linearity, etc.).

It is possible to set a value outside of the rated flow range if it is within the set point range, however, the satisfaction of specifications can not be guaranteed. The flow range if using CO₂ is given in brackets.

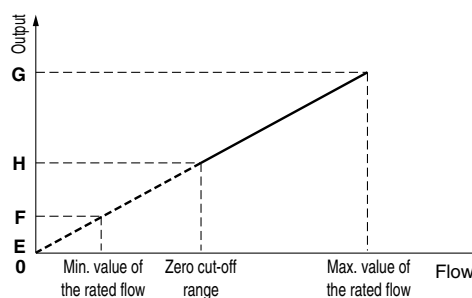
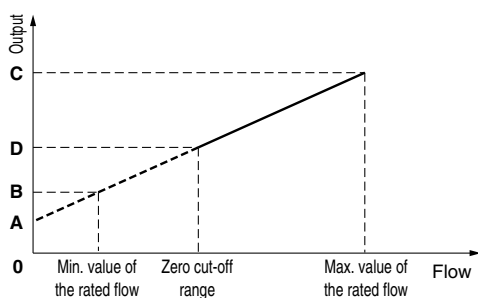
PF2M7-X300

Model	Flow range [L/min]									
	-10	-5	0	1	2	5	10	25	50	100
PF2M701	0.01 L/min (0.5 L/min)									
	-0.05 L/min (0.525 L/min)									
	-0.05 L/min (0.525 L/min)									
PF2M702	0.02 L/min (1 L/min)									
	-0.1 L/min (1.05 L/min)									
	-0.1 L/min (1.05 L/min)									
PF2M705	0.05 L/min (2.5 L/min)									
	-0.25 L/min (2.63 L/min)									
	-0.25 L/min (2.63 L/min)									
PF2M710	0.1 L/min (5 L/min)									
	-0.5 L/min (5.25 L/min)									
	-0.5 L/min (5.25 L/min)									
PF2M725	0.3 L/min (12.5 L/min)									
	-1.3 L/min (13.1 L/min)									
	-1.3 L/min (13.1 L/min)									
PF2M750	0.5 L/min (25 L/min)									
	-2.5 L/min (26.3 L/min)									
	-2.5 L/min (26.3 L/min)									
PF2M711	1.0 L/min (50 L/min)									
	-5.0 L/min (52.5 L/min)									
	-5.0 L/min (52.5 L/min)									
PF2M721	2 L/min (100 L/min)									
	-10 L/min (105 L/min)									
	-10 L/min (105 L/min)									

Flow/Analog Output

	A	B		C
		PF2M701/02/05 /10/50/11/21-X300	PF2M725-X300	
Voltage output (1 to 5 V)	1 V	1.04 V	1.05 V	5 V
Current output (4 to 20 mA)	4 mA	4.16 mA	4.19 mA	20 mA

	E	F		G
		PF2M701/02/05 /10/50/11/21-X300	PF2M725-X300	
Voltage output (0 to 10 V)*1	0 V	0.10 V	0.12 V	10 V



*1 The analog output current from the connected equipment should be 20 μ A or less when selecting 0 to 10 V.

When 20 μ A or more current flows, it is possible that the accuracy is not satisfied at less than or equal to 0.5 V.

* D or H fluctuates depending on the setting of the zero cut-off function.

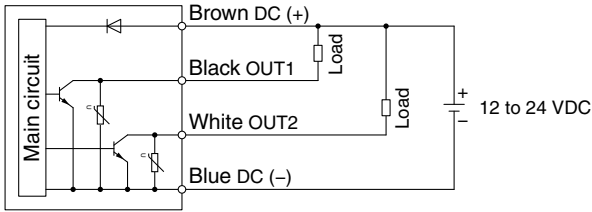
When the zero cut-off function is set to "0," the flow rate display value starts from 0 L/min., but in conditions other than horizontal installation and supply pressure of 0.35 MPa, the output may not be 0 L/min.

PF2M7-X300

Internal Circuits and Wiring Examples

NPN + NPN output type

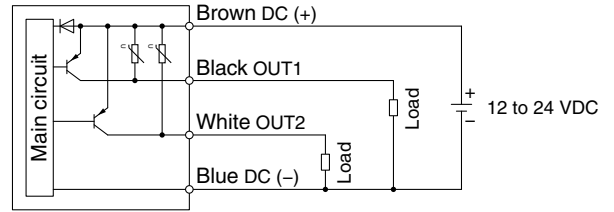
PF2M7□□-□-A□-□□□-X300



Max. applied voltage: 28 V, Max. load current: 80 mA,
Internal voltage drop: 1 V or less

PNP + PNP output type

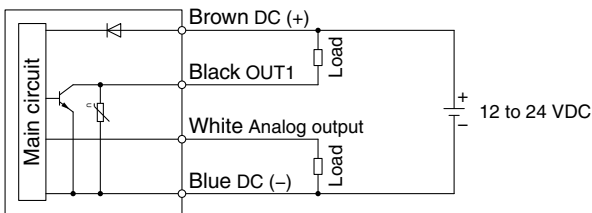
PF2M7□□-□-B□-□□□-X300



Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

NPN + Analog output type

PF2M7□□-□-C/D□-□□□-X300



Max. applied voltage: 28 V, Max. load current: 80 mA,
Internal voltage drop: 1 V or less

C: Analog output: 1 to 5 V or 0 to 10 V can be selected.

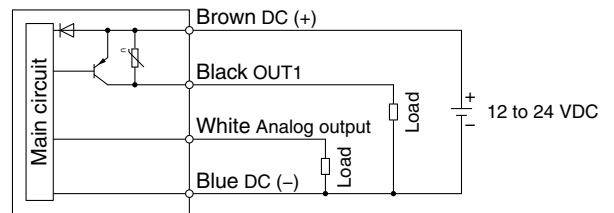
Output impedance: 1 k Ω

D: Analog output: 4 to 20 mA

Load impedance: 50 to 600 Ω

PNP + Analog output type

PF2M7□□-□-E/F□-□□□-X300



Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

E: Analog output: 1 to 5 V or 0 to 10 V can be selected.

Output impedance: 1 k Ω

F: Analog output: 4 to 20 mA

Load impedance: 50 to 600 Ω

Accumulated pulse output wiring examples

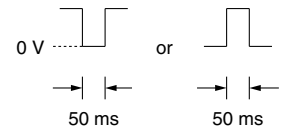
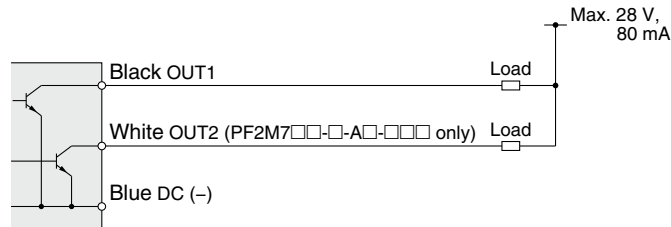
NPN + NPN output type

PF2M7□□-□-A□-□□□-X300

NPN + Analog output type

PF2M7□□-□-C□-□□□-X300

PF2M7□□-□-D□-□□□-X300



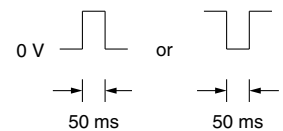
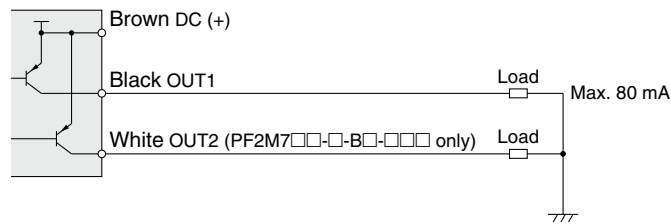
PNP + PNP output type

PF2M7□□-□-B□-□□□-X300

PNP + Analog output type

PF2M7□□-□-E□-□□□-X300

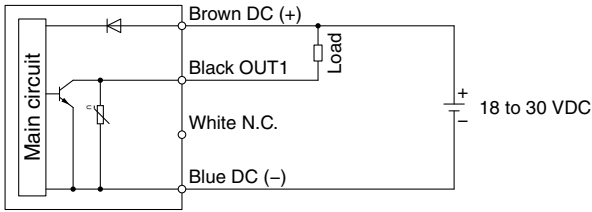
PF2M7□□-□-F□-□□□-X300



Internal Circuits and Wiring Examples

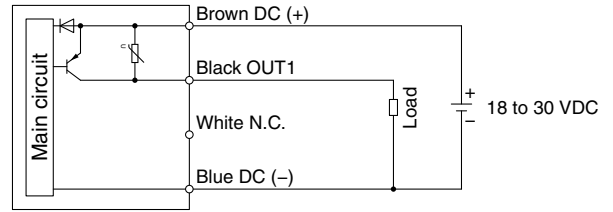
PF2M7□□-□-L□-□□□-X300

NPN output type



Max. applied voltage: 30 V, Max. load current: 80 mA,
Internal voltage drop: 1.5 V or less

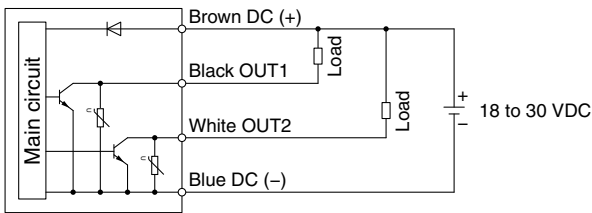
PNP output type



Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

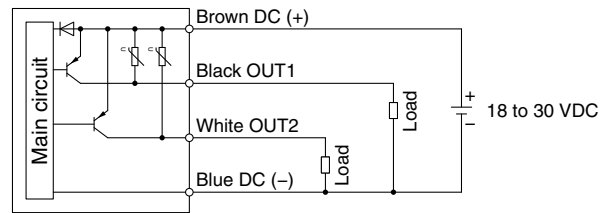
PF2M7□□-□-L2□-□□□-X300

NPN 2 output type



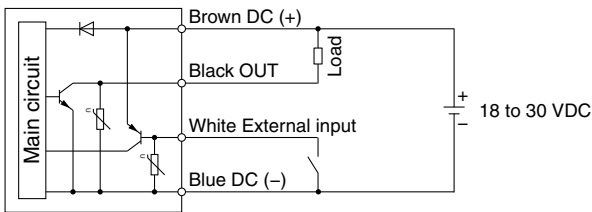
Max. applied voltage: 30 V, Max. load current: 80 mA,
Internal voltage drop: 1.5 V or less

PNP 2 output type



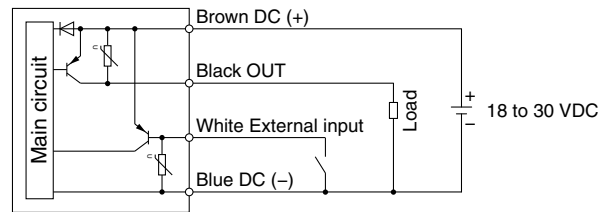
Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

NPN + External input type



Max. applied voltage: 30 V, Max. load current: 80 mA,
Internal voltage drop: 1.5 V or less

PNP + External input type

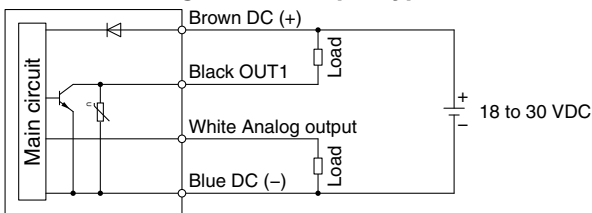


Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

PF2M7□□-□-L3/4□-□□□-X300

L3: NPN + Analog voltage output type

L4: NPN + Analog current output type



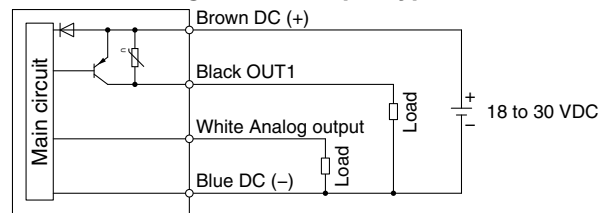
Max. applied voltage: 30 V, Max. load current: 80 mA,
Internal voltage drop: 1.5 V or less

L3: Analog output: 1 to 5 V or 0 to 10 V can be selected.
Output impedance: 1 kΩ

L4: Analog output: 4 to 20 mA
Load impedance: 50 to 600 Ω

L3: PNP + Analog voltage output type

L4: PNP + Analog current output type



Max. load current: 80 mA, Internal voltage drop: 1.5 V or less

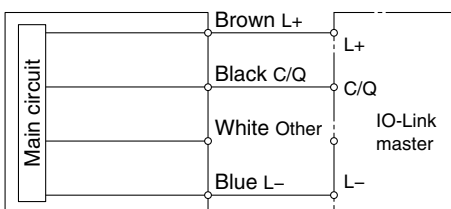
L3: Analog output: 1 to 5 V or 0 to 10 V can be selected.

Output impedance: 1 kΩ

L4: Analog output: 4 to 20 mA

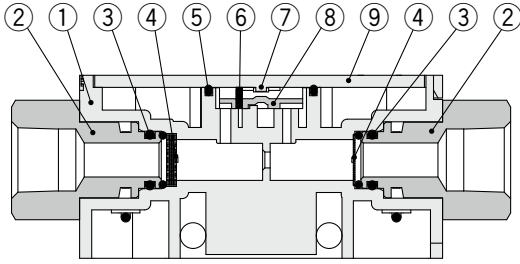
Load impedance: 50 to 600 Ω

When used as an IO-Link device

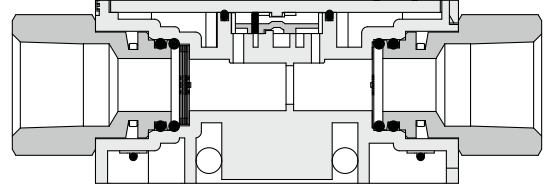


Construction: Parts in Contact with Fluid

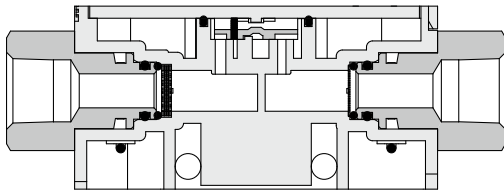
PF2M□-01/02-X300



PF2M705/710/725/750-01-X300



PF2M711/721-02-X300



PF2M701/702-01-X300

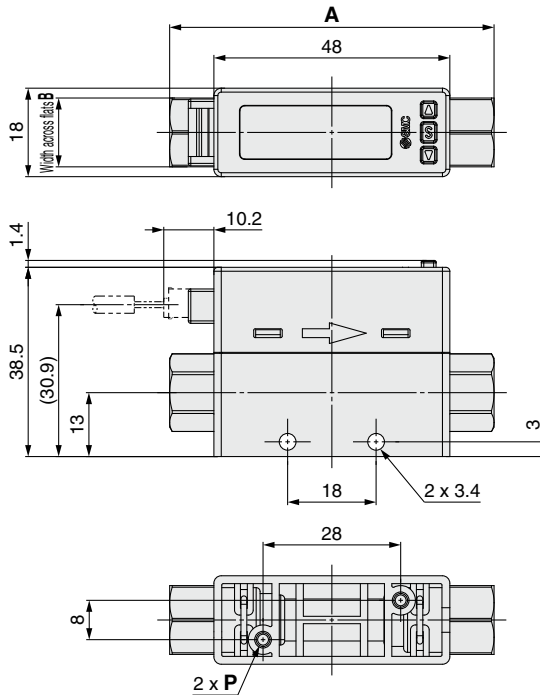
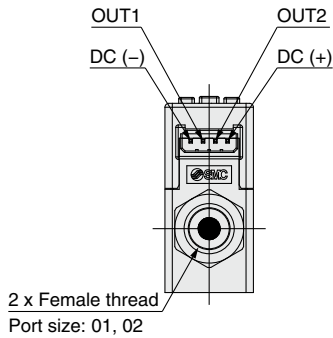
* There is no bypass construction for the 1 and 2 L ranges.

Component Parts

No.	Description	Material	Note
1	Body	PPS	
2	Fitting for piping	Stainless steel 304	
3	O-ring	FKM	
4	Flow rectifier	Stainless steel 304	
5	Seal	FKM	
6	Flow rectifier	Stainless steel 304	
7	Sensor chip	Silicon	
8	Body B	PPS	
9	Printed circuit board	GE4F	

Dimensions


PF2M□-01/02-X300



Model	A	B	P
PF2M701/702/705/710/725/750-01-X300	66	14	ø2.8 depth 8.4
PF2M711/721-02-X300	70	17	ø2.8 depth 6.2

⚠ Precautions

Flush the piping line before when the product for the first time and after it has been replaced. Also, if piping, etc., is to be connected, flush (air blow) using this product for the first time in order to reduce the effects of the dust generated from the connection, etc. Flushing the line is also required to eliminate contamination resulting from the installation of piping lines. Therefore, be sure to flush the line before running the system. Make sure all mounting parts are secure before use.

 **Safety Instructions** | Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.

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and any obligation on the part of the manufacturer.



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