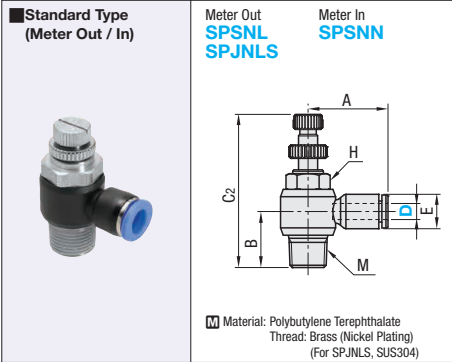


# Speed Controller

## Flow Rate Control Valves with One-Touch Coupling

**Points of comparison against similar products** | Compared to the C-VALUE products, this type of controller can withstand more frequent repeated adjustment, because the adjusting knob is made of metal, and is more excellent in abrasion resistance, because the whole body is plated.

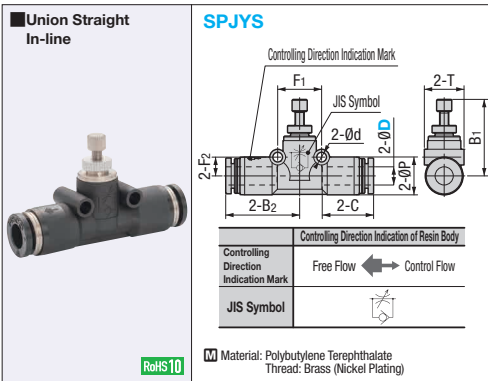


Part Number	Nominal	Color (*)	A	B	C <sub>2</sub>	E	Wrench Flats H	Thread Size M	Mass (g)	SPSNL SPSNN		SPJNLS	
										Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
4	M5	1	19.1 (20.8)	10 (12.4)	29.45 (30.2)	9 (10)	8	M5x0.8	9	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			20.9 (23.1)	14.65 (16.2)	40.05 (38.4)	9 (10)	10 (13)	R1/8	21				
6	M5	1	20.95 (22.3)	11.2 (12.2)	29.45 (30.2)	11.2 (12.5)	8	M5x0.8	10	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			21.95 (24.1)	14.65 (15.7)	40.05 (38.4)	11.2 (12.5)	10 (13)	R1/8	22				
8	M5	2	23.95 (25.8)	18.2 (20.0)	48 (45.7)	11.2 (12.5)	14 (16)	R1/4	38 (40)	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			25.1 (25.3)	15.65 (15.4)	40.05 (38.4)	13.6 (14.5)	10 (13)	R1/8	23				
10	M5	3	27.6 (27.2)	19.3 (19.0)	48 (45.7)	13.6 (14.5)	14 (16)	R1/4	41	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			28.6 (29.5)	21.4 (21.3)	54.2 (52.4)	13.6 (14.5)	19	R3/8	71 (65)				
12	M5	4	29.6 (29.9)	20.8 (19.0)	48 (45.7)	16.3 (17.5)	14 (16)	R1/4	46 (44)	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			30 (31.7)	23 (21.8)	54.2 (52.4)	16.3 (17.5)	19	R3/8	74 (68)				
12	M5	3	32.9 (33.9)	26.5 (25.2)	59.8 (58.8)	16.3 (17.5)	24	R1/2	106 (112)	1-9 pc(s)	10-30	1-9 pc(s)	10-30
			35.9 (32.0)	24.7 (21.7)	54.2 (52.4)	19.7 (20.0)	19	R3/8	77 (69)				
12	M5	4	38.9 (35.2)	28.2 (25.7)	59.8 (58.8)	19.7 (20.0)	24	R1/2	109 (113)	1-9 pc(s)	10-30	1-9 pc(s)	10-30

Ordering Example: Part Number - Nominal - Color  
SPSNL4 - M5

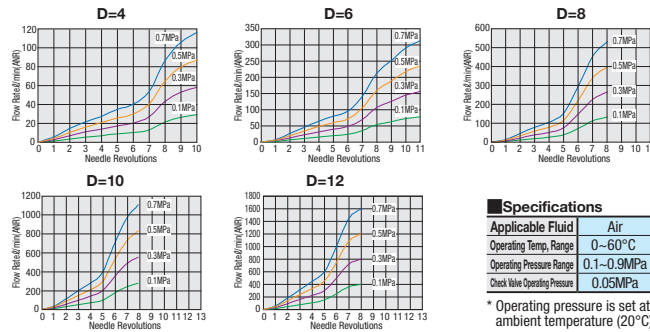
Dimensions in ( ) are for SPJNLS.  
The picture and drawing indicate SPSNL and SPSNN. For SPJNLS, refer to the CAD data.  
For SPSNN (Meter-In), the ring is red.  
\* Color is applicable to SPJNLS only.

Specifications	
Applicable Fluid	Air
Operating Temp. Range	0 ~ 60°C
Operating Pressure Range	0.05~0.7MPa



Part Number	Type	D	B <sub>1</sub>		ØP	T	C	Ød	F <sub>1</sub>	F <sub>2</sub>	Mass (g)	Unit Price	Volume Discount Rate
			Max.	Min.									
SPJYS	4	21	18.6	21	10	10.5	14.9	3.2	12.7	4.8	9	1-9 pc(s)	10-30
	6	25.8	21.6	24.4	12.5	13.1	17	3.2	14.8	6.2	14		
	8	30.6	25.1	28	14.8	15.4	18.1	3.2	18.2	7.2	27		
	10	35.4	28.9	31.8	18.2	19.7	20.2	4.2	22.2	8.7	48		
	12	38	31.5	36.9	21.2	22.7	23.4	4.2	25.7	10.2	68 (67)		

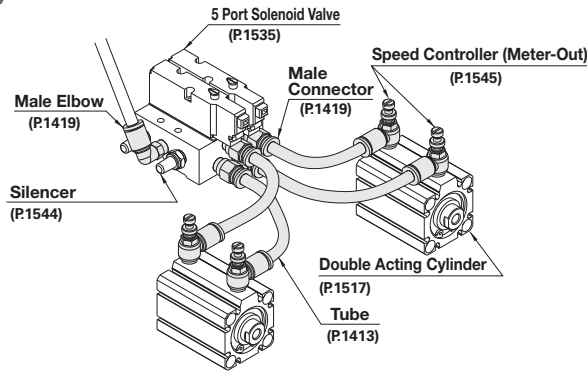
Ordering Example: Part Number  
SPJYS10



Specifications	
Applicable Fluid	Air
Operating Temp. Range	0~60°C
Operating Pressure Range	0.1~0.9MPa
Check Valve Operating Pressure	0.05MPa

\* Operating pressure is set at ambient temperature (20°C).

### Example

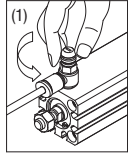


### Speed Adjusting Method

\* It is necessary to adjust on both the cylinder rod push-out side and return side.

#### (1) When Increasing the Speed

1. Close all needles. (Clockwise)
2. Rotate counterclockwise to increase the speed. Rotate slowly.
3. When desired speed is reached, tighten the Lock Nut.



#### (2) When Decreasing the Speed

1. Rotate clockwise to decrease speed.
2. When desired speed is reached, tighten the Lock Nut.

