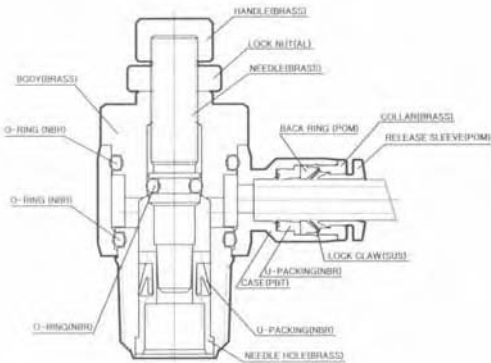




SPEED CONTROLLERS

Construction



Specifications

Applicable fluid Type	AIR (No other type of gas or liquid)	
Working Pressure range	0~150 PSI	0~9.9kgF/cm ² (0~990KPa)
Negative Pressure	-29.5 in Hg	-750mm Hg (10 Torr)
Working temperature Range	32~140° F	0~60° C

Product Code Designation

SP / S	T1/4	N1/4	∅
(a)	(b)	(c)	(d)

- ① MODEL TYPE : SP (Metric) / S (Inch Tube)
- ② TUBE OUTSIDE DIAMETER (∅ O.D.)

	METRIC TUBE						INCH TUBE					
CODE	03	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
SIZE	3mm	4mm	6mm	8mm	10mm	12mm	5/32"	3/16"	1/4"	5/16"	3/8"	1/2"

③ THREAD TYPE & SIZE (T)

• METRIC & R (PT) THREAD

	METRIC THREAD	R (PT) THREAD			
CODE	M5	01	02	03	04
SIZE	M5×0.8	R1/8	R1/4	R3/8	R1/2

• INCH (UNF & NPT) THREAD

	UNF THREAD	NPT THREAD			
CODE	U	N1	N2	N3	N4
SIZE	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ CONTROL METHOD

	METER-OUT	METER-IN
CODE	∅	1

FEATURES

- Accurate regulation of an optimal airflow rate for precise motion control.
- Compact and space-saving configuration provides a functionally wide range of airflow rates.
- Available in control method type for metering of unidirectional airflow either entering into or exhausting out of a driving device.



● Elbow(Speed Controller)

[ØD-T]

THREAD	METRIC TUBE					INCH TUBE					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
10-32UNF						SE-T5/32-U10	SE-T3/16-U10	SE-T1/4-U10			
1/8NPT						SE-T5/32-N1/8	SE-T3/16-N1/8	SE-T1/4-N1/8	SE-T5/16-N1/8		
1/4NPT							SE-T3/16-N1/4	SE-T1/4-N1/4	SE-T5/16-N1/4	SE-T3/8-N1/4	
3/8NPT							SE-T3/16-N3/8	SE-T1/4-N3/8	SE-T5/16-N3/8	SE-T3/8-N3/8	SE-T1/2-N3/8
1/2NPT									SE-T5/16-N1/2	SE-T3/8-N1/2	SE-T1/2-N1/2
M5	SP121F-M5-04	SP121F-M5-06						SE-T1/4-M5			
1/8PT	SP221F-01-04S	SP221F-01-06S	SP221F-01-08S					SE-T1/4-P1/8	SE-T5/16-P1/8		
1/4PT	SP221F-02-04S	SP221F-02-06S	SP221F-02-08S	SP221F-02-10S				SE-T1/4-P1/4	SE-T5/16-P1/4	SE-T3/8-P1/4	
		SP321F-02-06S	SP321F-02-08S	SP321F-02-010S							
3/8PT		SP321F-03-06S	SP321F-03-08S	SP321F-03-10S	SP321F-03-12S				SE-T5/16-P3/8	SE-T3/8-P3/8	
1/2PT				SP421F-04-10S	SP421F-04-12S						

* 0: Meter-Out, 1: Meter-In

* BODY COLOR : 1) METRIC-WHITE 2) INCH-BLACK



● Elbow(Speed Controller - Screw Type)

[ØD-T]



THREAD	METRIC TUBE					INCH TUBE					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
10-32UNF						SE-T5/32-U10-D	SE-T3/16-U10-D	SE-T1/4-U10-D			
1/8NPT						SE-T5/32-N1/8-D	SE-T3/16-N1/8-D	SE-T1/4-N1/8-D	SE-T5/16-N1/8-D		
1/4NPT							SE-T3/16-N1/4-D	SE-T1/4-N1/4-D	SE-T5/16-N1/4-D	SE-T3/8-N1/4-D	
3/8NPT							SE-T3/16-N3/8-D	SE-T1/4-N3/8-D	SE-T5/16-N3/8-D	SE-T3/8-N3/8-D	SE-T1/2-N3/8-D
1/2NPT									SE-T5/16-N1/2-D	SE-T3/8-N1/2-D	SE-T1/2-N1/2-D
M5	SE-T04-M5-DC	SE-T06-M5-D						SE-T1/4-M5-D			
1/8PT	SE-T04-P1/8-DC	SE-T06-P1/8-D	SE-T08-P1/8-D					SE-T1/4-P1/8-D	SE-T5/16-P1/8-D		
1/4PT	SE-T04-P1/4-DC	SE-T06-P1/4-D	SE-T08-P1/4-D	SE-T10-P1/4-DC	NSC-D 12-02			SE-T1/4-P1/4-D	SE-T5/16-P1/4-D	SE-T3/8-P1/4-D	
3/8PT		SE-T06-P3/8-D	SE-T08-P3/8-D	SE-T10-P3/8-DC	SE-T12-P3/8-D				SE-T5/16-P3/8-D	SE-T3/8-P3/8-D	
1/2PT			SE-T08-P1/2-D	SE-T10-P1/2-DC	SE-T12-P1/2-D						

* 0: Meter-Out, 1: Meter-In



● Elbow(Speed Controller-Recessed Type)



[ØD-T]



THREAD	METRIC TUBE					INCH TUBE					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
10-32UNF						SE'-T5/32-U10-DC	SE'-T3/16-U10-DC	SE'-T1/4-U10-DC			
1/8NPT						SE'-T5/32-N1/8-DC	SE'-T3/16-N1/8-DC	SE'-T1/4-N1/8-DC	SE'-T5/16-N1/8-DC		
1/4NPT							SE'-T3/16-N1/4-DC	SE'-T1/4-N1/4-DC	SE'-T5/16-N1/4-DC	SE'-T3/8-N1/4-DC	
3/8NPT							SE'-T3/16-N3/8-DC	SE'-T1/4-N3/8-DC	SE'-T5/16-N3/8-DC	SE'-T3/8-N3/8-DC	SE'-T1/2-N3/8-D
1/2NPT									SE'-T5/16-N1/2-DC	SE'-T3/8-N1/2-DC	SE'-T1/2-N1/2-D
M5	SE'-T04-M5-DC	SE'-T06-M5-DC						SE'-T1/4-M5-DC			
1/8PT	SE'-T04-P1/8-DC	SE'-T06-P1/8-DC	SE'-T08-P1/8-DC					SE'-T1/4-P1/8-DC	SE'-T5/16-P1/8-DC		
1/4PT	SE'-T04-P1/4-DC	SE'-T06-P1/4-DC	SE'-T08-P1/4-DC	SE'-T10-P1/4-DC				SE'-T1/4-P1/4-DC	SE'-T5/16-P1/4-DC	SE'-T3/8-P1/4-DC	
3/8PT		SE'-T06-P3/8-DC	SE'-T08-P3/8-DC	SE'-T10-P3/8-DC	SE'-T12-P3/8-DC				SE'-T5/16-P3/8-DC	SE'-T3/8-P3/8-DC	
1/2PT			SE'-T08-P1/2-DC	SE'-T10-P1/2-DC	SE'-T12-P1/2-DC						

* 0: Meter-Out, 1: Meter-In

● Straight(Speed Controller)

[ØD]



	METRIC TUBE					INCH TUBE					
	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
	SP100F-04	SP100F-06									
	SP200F-04	SP200F-06				SS-T5/32-T5/32	SS-T3/16-T3/16	SS-T1/4-T1/4	SS-T5/16-T5/16	SS-T3/8-T3/8	SS-T1/2-T1/2
	SP205F-04	SP205F-06	SP205F-08								
		SP300F-06	SP300F-08	SP300F-10	SP300F-12						

* BODY COLOR : 1)METRIC-WHITE 2)INCH-BLACK