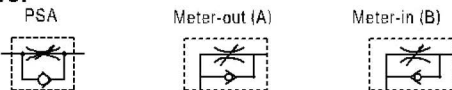


Accessories—Speed controllers

PSA, PSL, PSS series



Symbol



Product feature

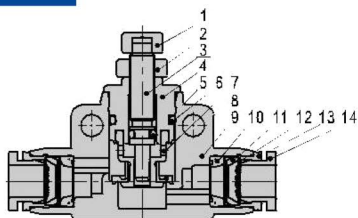
Specification

Operating pressure range	0~9kgf/cm ² (0~0.9MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	0~60
Applicable tubing	Soft nylon or polyurethane
Color	Grey/black

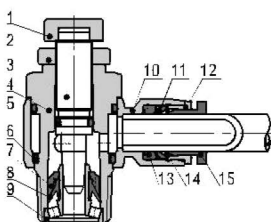
Table for interface port and tube O.D.

Series	Port Size	Tube O.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
PSL	M5		●	●													
	1/8"		●	●	●												
	1/4"			●	●	●											
	3/8"				●	●	●	●									
	1/2"					●	●	●	●								
PSS	M5		●														
	1/8"			●	●												
	1/4"				●	●											
	3/8"					●	●	●									
	1/2"						●	●	●								
PSA			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

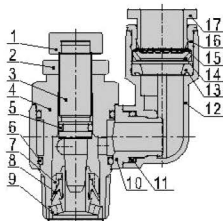
Inner structure



1	Adjusting cap	Aluminum alloy or Brass
2	Locking cap	Aluminum alloy
3	Throttling column	Brass
4	Throttling body	Brass
5	O-ring	NBR
6	O-ring	NBR
7	Throttling sleeve	Aluminum alloy
8	O-ring	NBR
9	Plastic body	PBT
10	O-ring	NBR
11	Locating seat	POM
12	Spring gasket	Stainless steel
13	Locating ring	Aluminum alloy
14	Plastic interface	POM



1	Handle	Aluminum alloy or Brass
2	Lock nut	Aluminum alloy
3	Needle	Brass
4	Body	Brass
5	O-ring	NBR
6	O-ring	NBR
7	Bushing	PBT
8	O-ring	NBR
9	Seat ring	Brass
10	Rubber body	PBT
11	Chuck	POM
12	Guide	Aluminum alloy
13	O-ring	NBR
14	Spring gasket	Stainless steel
15	Release button	POM



1	Adjusting cap	Aluminum alloy or Brass
2	Locking cap	Aluminum alloy
3	Throttling column	Brass
4	Throttling body	Brass
5	O-ring	NBR
6	O-ring	NBR
7	Holder	PBT
8	O-ring	NBR
9	Throttling sleeve	Brass
10	Plastic body	PBT
11	O-ring	NBR
12	Plastic body	PBT
13	O-ring	NBR
14	Locating seat	POM
15	Spring gasket	Stainless steel
16	Locating ring	Aluminum alloy
17	Plastic interface	POM

Ordering code

Model
PSL: Speed controller



PSS: Universal speed controller



Port size
4: Φ4mm
6: Φ6mm
8: Φ8mm
10: Φ10mm
12: Φ12mm

Thread connection

Thread connection	Adaptable port size
M5: M5 × 0.8	Φ4\Φ6
01: 1/8"	
02: 1/4"	Φ4\Φ6
03: 3/8"	Φ8\Φ10
04: 1/2"	Φ12

Model
PSA: Straight speed controller

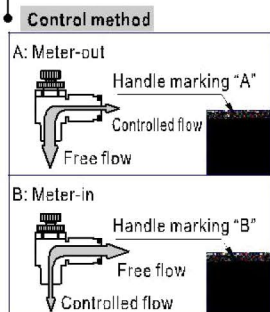


Port size
4: Φ4mm
6: Φ6mm
8: Φ8mm
10: Φ10mm
12: Φ12mm

Thread type
Blank: PT

Standard color

Standard color	Specification
Blank:	Release button: Gray Body: Gray
D: Black	Release button: Black Body: Black



Standard color

Standard color	Specification
Blank: Gray	Release button: Gray Body: Gray
D: Black	Release button: Black Body: Black

