

PSL, PSS series



Symbol



Product feature

1. The speed controller is compact in size and light weight. The application range is broader.
2. It can effectively control the operating speed of the pneumatic actuated equipment.
3. Good flow characteristics, high sensitivity and easy to adjustment
4. Meter-out and meter-in type are optional.
5. Copper body is nickel plated to prevent corrosion and pollution.
6. The design of adjustment lever prevents falling off.
7. The threaded end is coated with sealant, which can effectively seal the thread connection portion.

Ordering code

PSL 6 01 A

Model		Thread type	
PSL		Blank: PT	
PSS		T: NPT	
① Note		G: G	
Port size		Standard color	
4: Φ4mm		Standard color	Specification
6: Φ6mm		Blank: Gray	Release button: Gray
8: Φ8mm		Gray	Body: Gray
10: Φ10mm		D: Black	Release button: Black
12: Φ12mm		Black	Body: Black
Thread connection		Control method	
Thread connection	Adaptable port size	A: Meter-out	
M5: M5 × 0.8	Φ4\Φ6		
01: 1/8"		B: Meter-in	
02: 1/4"	Φ4\Φ6		
03: 3/8"	Φ8\Φ10		
04: 1/2"	Φ12		

① Note: The PSS series will be launched soon.

Specification

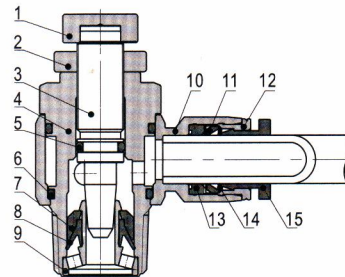
Operating pressure range	0~9kgf/cm ² (0~0.9MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	0~60
Applicable tubing	Soft nylon or polyurethane
Color	Grey/black

Table for interface port and tube O.D.

Product series	Thread type	Port size				
		Φ4	Φ6	Φ8	Φ10	Φ12
PSL	M5	●	●			
	1/8"	●	●	●		
	1/4"		●	●	●	
	3/8"		●	●	●	●
	1/2"			●	●	●
PSS	M5	●	●			
	1/8"	●	●	●		
	1/4"		●	●	●	
	3/8"		●	●	●	●
	1/2"			●	●	●

Inner structure

Model: PSL



No.	Item	Material	No.	Item	Material
1	Handle	Aluminum alloy or Brass	9	Seat ring	Brass
2	Lock nut	Aluminum alloy	10	Rubber body	PBT
3	Needle	Brass	11	Chuck	POM
4	Body	Brass	12	Guide	Aluminum alloy
5	O-ring	NBR	13	O-ring	NBR
6	O-ring	NBR	14	Spring gasket	Stainless steel
7	Bushing	PBT	15	Release button	POM
8	O-ring	NBR			