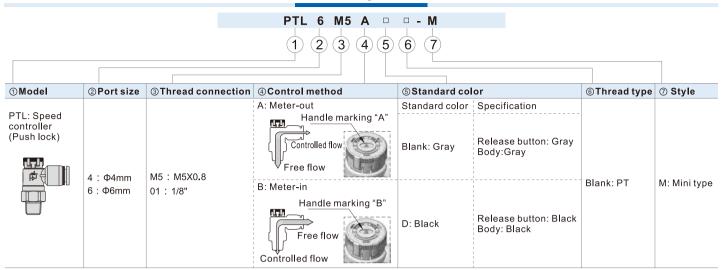
# AITTAE

#### **PTL Mini series**

#### Ordering code



#### **Specification**

Operating pressure range	0~10kgf/cm²(0~1.0MPa)				
Negative pressure	-750mmHg(10Torr)				
Proof pressure	1.5MPa				
Ambient and fluid temperature (°C)	-20~70				
Applicable tubing	Soft nylon or polyurethane				
Color	Grey/black				

#### **Symbol**





#### Selection, Installation and Operation

The rotation torque of the push-lock speed controller cap should not be too large to avoid damage.
It is recommended to use the torque below.

Thread size	Recommended torque(N.m)					
M5	0.05					
1/8"	0.08					

Push-lock speed controller installation instructions is the same as general one. Please refer to general type for specific content.

#### **Product feature**

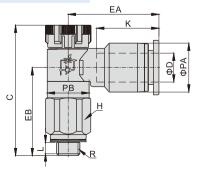
- Compare with standard speed controller, smaller size, lighter weight, suitable for more occasions.
- 2. Effectively control the action speed and the pressure signal transmission from pneumatic device.
- 3. Simple push-lock, operation.
- 4. Adjust quickly, easily and accurately.
- 5. Excellent flow rate characteristic, high sensitivity and easy to adjust.
- 6. Options of Meter-out and meter-in, applicable for every type actuator.
- 7. Effectively prevent from corrosion and pollution by nickle plated brass.
- 8. The sealant being coated on threaded portion can ensure no leakage of the threaded connection part.

## Table for interface port and tube O.D.

Product series	Thread type	Port size			
		Ф4	Ф6		
PTL	M5	•	•		
	1/8"	•	•		

#### **Dimensions**

### **PTL Mini series**





Model\Item	ΦD	R	ФРА ФРВ	DD I	(	С	к	EA	ЕВ	н	Weight	
[Note1]	[Note1]	K		ΨΡΒ	_	Pull	Push	N.	EA	ЕВ	П	(g)
PTL4M5□-M	4	M5×0.8	8.5	9	3.5	29.5	28	12.5	16.5	19	9	5
PTL401□-M		1/8"	8.5	9	3.5	29.5	28	12.5	16.5	19	10	11
PTL6M5□-M	6	M5×0.8	10.5	9	3.5	29.5	28	13.5	19.5	19	9	6.2
PTL601□-M		1/8"	10.5	9	3.5	29.5	28	13.5	19.5	19	10	12

[Note1] " $\square$ " stands for A or B. A indicates meter-out type while B indicates meter-in type. The two types are with the same overall dimension.

