

## One-touch fittings---tube-tube type



### Product feature

1. Variable models can be widely used in every kind of pneumatic systems.
2. High circulation performance: bear the same flow with the volume of the tubing inside diameter.
3. Connect tubing easily and conveniently. The tubing connection portion is safe and durable.
4. The threaded portion is covered with sealant and the M5 thread is attached with a sealing gasket to prevent air leakage over the connection thread portion.
5. The nickel plated body is anti-corrosion and anti-pollution, which allows a broader application.

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

Product series	Port size				
	Φ4	Φ6	Φ8	Φ10	Φ12
PE, PY, PV, PU, PM, PLM, PP, PZ	●	●	●	●	●

Product series	Port size I	Port size II			
		Φ4	Φ6	Φ8	Φ10
PG	Φ4	●			
	Φ6	●			
	Φ8	●	●		
	Φ10		●	●	
	Φ12			●	●
PEG	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PEW	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PYW	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PGJ	Φ4	●			
	Φ6	●			
	Φ8	●	●		
	Φ10		●	●	
PZG	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PKG	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PHK	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	
PHD	Φ4	●			
	Φ6	●			
	Φ8		●		
	Φ10			●	

### Specification

Operating pressure range	0-9kgf/cm <sup>2</sup> (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

### Ordering code

Same diameter type fittings: **PE 6** □

Model	
PM: Bulkhead union 	PE: Union tee 
PLM: Bulkhead male elbow 	PY: Union "Y" 
PP: Plug 	PV: Union elbow 
PZ: Cross 	PU: Straight union 

### Standard color

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

### Port size

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

Different diameter type fittings: **PEG 6-4** □

Model	
PG: Different diameter straight 	PEG: Different diameter tee 
PZG: Different diameter cross 	PEW: Different diameter tee 
PKG: Reducer triple branch union 	PYW: Different diameter union "Y" 
PHK: Universal reducer triple branch union 	PGJ: Plug-in reducer 

### Standard color

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

### Port size II

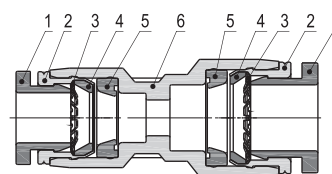
4: Φ4mm
6: Φ6mm
8: Φ8mm
10: Φ10mm

### Port size I

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

### Inner structure

Model: PG



No.	Item	Material
1	Release button	POM
2	Guide	Aluminum alloy
3	Spring gasket	Stainless steel
4	Chuck	POM
5	O-ring	NBR
6	Body	PBT



Tube fittings