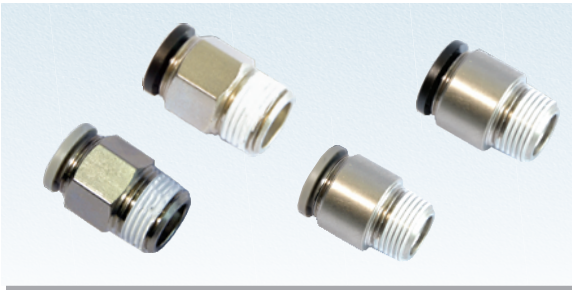
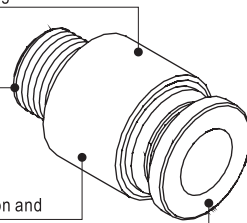


## PC, POC series



### Product feature

1. The compact appearance space saving.
2. 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.
3. The nickel plated body is anti-corrosion and anti-pollution, which allows broader applications.
4. Grey and black are optional for the release button.



### Ordering code

**PC 6 01** ☐ ☐

**Model**

PC: Male connector

POC: Male connector

**Thread type**

Blank: PT

**Standard color**

| Standard color | Specification         |
|----------------|-----------------------|
| Blank: Gray    | Release button: Gray  |
| D: Black       | Release button: Black |

**Thread connection**

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

**Port size**

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

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

| Product series | Thread type | Φ4 | Φ6 | Port size<br>Φ8 | Φ10 | Φ12 |
|----------------|-------------|----|----|-----------------|-----|-----|
| PC             | M5          | ●  | ●  |                 |     |     |
|                | 1/8"        | ●  | ●  | ●               | ●   | ●   |
|                | 1/4"        | ●  | ●  | ●               | ●   | ●   |
|                | 3/8"        |    | ●  | ●               | ●   | ●   |
|                | 1/2"        |    | ●  | ●               | ●   | ●   |
| POC            | M5          | ●  | ●  |                 |     |     |
|                | 1/8"        | ●  | ●  | ●               | ●   |     |
|                | 1/4"        | ●  | ●  | ●               | ●   | ●   |
|                | 3/8"        |    | ●  | ●               | ●   | ●   |
|                | 1/2"        |    |    |                 | ●   | ●   |

### Inner structure

| Model: PC | 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           | Brass           |

### 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                        |

### Dimensions

**PC series**

**M5 thread type**

| Model\Item | ΦD | R      | L   | C    | K    | H(Across flat) | Weight(g) |
|------------|----|--------|-----|------|------|----------------|-----------|
| PC4M5      |    | M5×0.8 | 3.5 | 19.5 | 14   | 9              | 6.5       |
| PC401      | 4  | 1/8"   | 7.5 | 19.5 | 14   | 10             | 7         |
| PC402      |    | 1/4"   | 10  | 19.5 | 14   | 14             | 13.5      |
| PC6M5      |    | M5×0.8 | 3.5 | 22.5 | 16.5 | 12             | 8.5       |
| PC601      | 6  | 1/8"   | 7.5 | 22.0 | 18.5 | 12             | 7.5       |
| PC602      |    | 1/4"   | 10  | 24.5 | 18.5 | 14             | 15.5      |
| PC603      |    | 3/8"   | 11  | 22.5 | 18.5 | 17             | 24        |
| PC604      |    | 1/2"   | 14  | 26.0 | 18.5 | 21             | 46        |
| PC801      |    | 1/8"   | 7.5 | 28   | 18.5 | 14             | 13.5      |
| PC802      | 8  | 1/4"   | 10  | 27   | 18.5 | 14             | 13        |
| PC803      |    | 3/8"   | 11  | 23.5 | 18.5 | 17             | 21        |
| PC804      |    | 1/2"   | 14  | 27   | 18.5 | 21             | 43.5      |
| PC1001     |    | 1/8"   | 7.5 | 30   | 21   | 17             | 20.5      |
| PC1002     | 10 | 1/4"   | 10  | 32.5 | 21   | 17             | 24        |
| PC1003     |    | 3/8"   | 11  | 28   | 21   | 17             | 20.5      |
| PC1004     |    | 1/2"   | 14  | 26.5 | 21   | 21             | 36        |
| PC1201     |    | 1/8"   | 7.5 | 32.5 | 23   | 21             | 38.5      |
| PC1202     | 12 | 1/4"   | 10  | 35   | 23   | 21             | 40.5      |
| PC1203     |    | 3/8"   | 11  | 30.5 | 23   | 21             | 28.5      |
| PC1204     |    | 1/2"   | 14  | 32.5 | 23   | 21             | 41.5      |

**POC series**

**M5 thread type**

| Model\Item | ΦD | R      | ΦP | L   | C    | K    | H(Across flat) |
|------------|----|--------|----|-----|------|------|----------------|
| POC4M5     |    | M5×0.8 | 9  | 3.5 | 18.5 | 14   | 2              |
| POC401     | 4  | 1/8"   | 10 | 7.5 | 18   | 14   | 2.5            |
| POC402     |    | 1/4"   | 14 | 10  | 19.5 | 14   | 3              |
| POC6M5     |    | M5×0.8 | 12 | 3.5 | 21.5 | 16.5 | 2              |
| POC601     | 6  | 1/8"   | 12 | 7.5 | 22.0 | 18.5 | 4              |
| POC602     |    | 1/4"   | 14 | 10  | 22.0 | 18.5 | 4              |
| POC801     |    | 1/8"   | 14 | 7.5 | 26.5 | 18   | 5              |
| POC802     | 8  | 1/4"   | 14 | 10  | 25   | 18   | 6              |
| POC803     |    | 3/8"   | 17 | 11  | 23.5 | 18   | 6              |
| POC1001    |    | 1/8"   | 17 | 7.5 | 30   | 21   | 5              |
| POC1002    | 10 | 1/4"   | 17 | 10  | 29   | 21   | 6              |
| POC1003    |    | 3/8"   | 17 | 11  | 28   | 21   | 8              |
| POC1004    |    | 1/2"   | 21 | 14  | 26.5 | 21   | 8              |
| POC1202    |    | 1/4"   | 21 | 10  | 34.5 | 23   | 6              |
| POC1203    | 12 | 3/8"   | 21 | 11  | 30   | 23   | 8              |
| POC1204    |    | 1/2"   | 21 | 14  | 32   | 23   | 8              |

