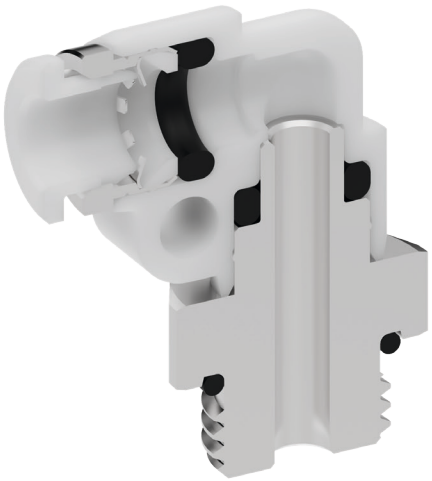


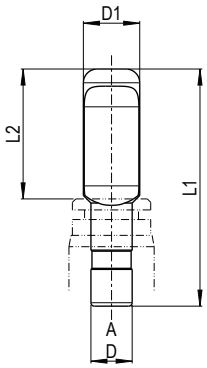
## Parameters

| | |
|---|---|
| **Connection sizes metric** | Push-in: 4 \| 6 \| 8 \| 10 \| 12 |
| **Connection sizes imperial** | - |
| **Connection sizes thread** | M5 \| 1/8 \| 1/4 \| 3/8 |
| **Materials** | Body: PVDF white<br>Sealing material: FKM<br>Sleeve: 1.4404 (AISI 316L)<br>Grip ring: 1.4310 (AISI 301)<br>Release ring: PVDF white<br>Nipple / Socket: 1.4404 (AISI 316L)<br>Support ring: PVDF |
| **Alternative materials** | Sealing: EPDM |
| **Medium** | Neutral gases or liquids which do not corrode the materials specified |
| **Medium temperature** | 0 °C – 120 °C |
| **Ambient temperature** | 0 °C – 60 °C |
| **Pressure range** | -0.95–16 bar |
| **Thread** | External thread 'G' cylindrical: Whitworth pipe thread DIN/ISO 228-1<br>External thread 'M': Metric ISO rhread DIN 13-1<br>Internal thread 'G' cylindrical: Whitworth pipe rhread DIN/ISO 228-1 |
| **Price group** | 12 |
| **Special versions** | Further variants on request |

RoHS COMPLIANT · REACH COMPLIANT · NSF COMPONENT

## Push-in plug



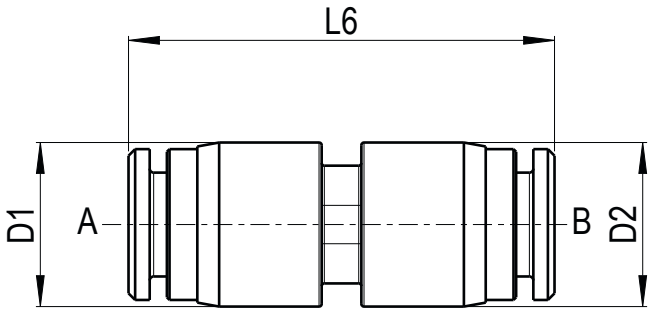



| A | Ø D1 mm | L1 mm | L2 mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 6.2 | 31.5 | 16.8 | 0.7 g | 16 bar | 16 bar | 10 bar | 971V-D4 | 237454 |
| 6 mm | 8.2 | 34.5 | 18.9 | 1.3 g | 16 bar | 16 bar | 10 bar | 971V-D6 | 237460 |
| 8 mm | 8.2 | 37.5 | 20.0 | 1.7 g | 16 bar | 12 bar | 10 bar | 971V-D8 | 237462 |
| 10 mm | 8.0 | 40.5 | 21.0 | 2.4 g | 16 bar | 12 bar | 10 bar | 971V-D10 | 237465 |
| 12 mm | 8.0 | 44.0 | 22.0 | 3.1 g | 12 bar | 6 bar | 3 bar | 971V-D12 | 237467 |
| 14 mm | 8.0 | 44.5 | 22.0 | 3.7 g | 12 bar | 6 bar | 3 bar | 971V-D14 | 237469 |

*OP = Maximum operating pressure at the specified medium temperature

## Straight connector



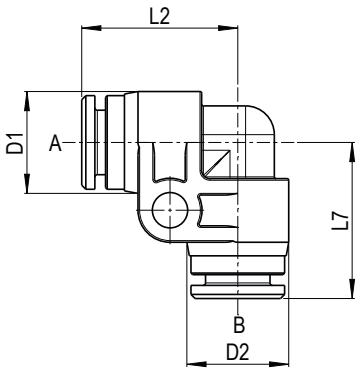



| A | B | Ø D1 mm | Ø D2 mm | L6 mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 10.4 | 10.4 | 30.1 | 4.4 g | 16 bar | 10 bar | 3 bar | 958V-4FF | 367504 |
| 6 mm | 4 mm | 12.4 | 12.4 | 31.8 | 6.2 g | 16 bar | 10 bar | 3 bar | 958V-6-4FF | 367508 |
| 6 mm | 6 mm | 12.4 | 12.4 | 32.2 | 6.6 g | 16 bar | 10 bar | 3 bar | 958V-6FF | 367510 |
| 8 mm | 6 mm | 14.4 | 14.4 | 35.7 | 8.0 g | 16 bar | 8 bar | 3 bar | 958V-8-6FF | 367511 |
| 8 mm | 8 mm | 14.4 | 14.4 | 36.2 | 8.8 g | 16 bar | 8 bar | 3 bar | 958V-8FF | 367512 |
| 10 mm | 8 mm | 17.2 | 17.2 | 40.5 | 12.9 g | 12 bar | 6 bar | 3 bar | 958V-10-8FF | 367514 |
| 10 mm | 10 mm | 17.2 | 17.2 | 41.2 | 13.6 g | 12 bar | 6 bar | 3 bar | 958V-10FF | 367515 |
| 12 mm | 12 mm | 21.0 | 21.0 | 45.0 | 26.8 g | 12 bar | 6 bar | 3 bar | 958V-12FF | 367517 |
| 12 mm | 10 mm | 21.0 | 21.0 | 44.9 | 24.4 g | 12 bar | 6 bar | 3 bar | 958V-12-10FF | 367516 |

*OP = Maximum operating pressure at the specified medium temperature

## 90° elbow connector



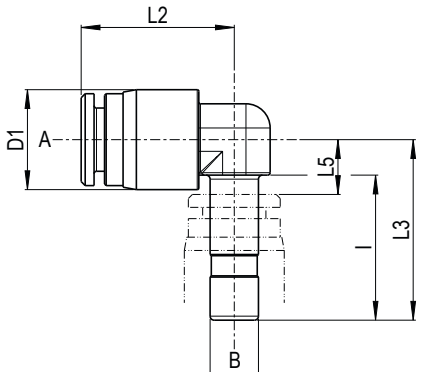



| A | B | Ø D1 mm | Ø D2 mm | L2 mm | L7 mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 12.4 | 12.4 | 18.6 | 18.6 | 7.2 g | 16 bar | 10 bar | 3 bar | 955V-4FF | 367554 |
| 6 mm | 4 mm | 12.4 | 12.4 | 19.0 | 18.6 | 7.2 g | 16 bar | 10 bar | 3 bar | 955V-6-4FF | 367558 |
| 6 mm | 6 mm | 12.4 | 12.4 | 19.0 | 19.0 | 7.1 g | 16 bar | 10 bar | 3 bar | 955V-6FF | 367560 |
| 8 mm | 6 mm | 14.4 | 14.4 | 22.1 | 21.6 | 10.2 g | 16 bar | 8 bar | 3 bar | 955V-8-6FF | 367561 |
| 8 mm | 8 mm | 14.4 | 14.4 | 22.1 | 22.1 | 10.5 g | 16 bar | 8 bar | 3 bar | 955V-8FF | 367562 |
| 10 mm | 6 mm | 17.2 | 17.2 | 26.1 | 24.9 | 16.3 g | 12 bar | 6 bar | 3 bar | 955V-10-6FF | 367563 |
| 10 mm | 8 mm | 17.2 | 17.2 | 26.1 | 25.4 | 19.3 g | 12 bar | 6 bar | 3 bar | 955V-10-8FF | 367564 |
| 10 mm | 10 mm | 17.2 | 17.2 | 26.1 | 26.1 | 17.0 g | 12 bar | 6 bar | 3 bar | 955V-10FF | 367565 |
| 12 mm | 12 mm | 23.0 | 23.0 | 31.0 | 31.0 | 32.5 g | 12 bar | 6 bar | 3 bar | 955V-12FF | 367567 |
| 14 mm | 14 mm | 23.0 | 23.0 | 31.0 | 31.0 | 30.0 g | 10 bar | 3 bar | 2 bar | 955V-14FF | 367570 |
| 16 mm | 16 mm | 25.0 | 25.0 | 32.0 | 32.0 | 34.2 g | 10 bar | 3 bar | 2 bar | 955V-16FF | 367572 |

*OP = Maximum operating pressure at the specified medium temperature

## 90° elbow connector with stem





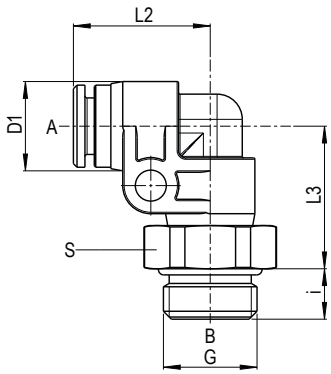

| A | B | Ø D1 mm | L2 mm | L3 mm | L5 mm | l mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 12.4 | 18.6 | 21.4 | 6.6 | 17.0 | 4.0 g | 16 bar | 10 bar | 3 bar | 911V-4FF-D4 | 367028 |
| 4 mm | 6 mm | 12.4 | 18.6 | 22.4 | 6.8 | 18.0 | 3.8 g | 16 bar | 10 bar | 3 bar | 911V-4FF-D6 | 367029 |
| 6 mm | 4 mm | 12.4 | 19.0 | 21.4 | 6.6 | 17.0 | 4.2 g | 16 bar | 10 bar | 3 bar | 911V-6FF-D4 | 367030 |
| 6 mm | 6 mm | 12.4 | 19.0 | 22.4 | 6.8 | 18.0 | 4.3 g | 16 bar | 10 bar | 3 bar | 911V-6FF-D6 | 367031 |
| 6 mm | 8 mm | 14.4 | 21.6 | 25.9 | 8.3 | 20.5 | 6.3 g | 16 bar | 10 bar | 3 bar | 911V-6FF-D8 | 367032 |
| 8 mm | 8 mm | 14.4 | 22.1 | 25.9 | 8.3 | 20.5 | 6.4 g | 16 bar | 8 bar | 3 bar | 911V-8FF-D8 | 367033 |
| 8 mm | 10 mm | 17.2 | 25.4 | 32.1 | 12.0 | 24.0 | 9.8 g | 16 bar | 8 bar | 3 bar | 911V-8FF-D10 | 367034 |
| 10 mm | 10 mm | 17.2 | 26.1 | 32.1 | 12.0 | 24.0 | 10.2 g | 12 bar | 6 bar | 3 bar | 911V-10FF-D10 | 367035 |

*OP = Maximum operating pressure at the specified medium temperature

## 90° elbow adaptor, male, positionable

Thread type: cylindrical | Thread sealed by an O-ring in recess | Not suitable for rotating or oscillating movements





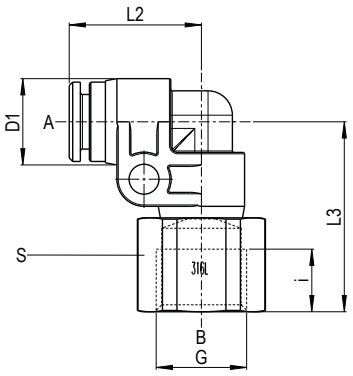

| A | B | Ø D1 mm | L2 mm | L3 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | M5 | 9.8 | 14.7 | 11.0 | 3.5 | 8.0 | 38.8 g | 16 bar | 10 bar | 3 bar | 930V-4FF-M5 | 367334 |
| 4 mm | G 1/8 | 12.4 | 18.6 | 19.3 | 5.0 | 13.0 | 17.8 g | 16 bar | 10 bar | 3 bar | 930V-4FF-1/8 | 367335 |
| 4 mm | G 1/4 | 12.4 | 18.6 | 19.8 | 7.0 | 17.0 | 24.6 g | 16 bar | 10 bar | 3 bar | 930V-4FF-1/4 | 367348 |
| 6 mm | M5 | 11.8 | 16.7 | 11.0 | 3.5 | 8.0 | 4.7 g | 16 bar | 10 bar | 3 bar | 930V-6FF-M5 | 367336 |
| 6 mm | G 1/8 | 12.4 | 19.0 | 19.3 | 5.0 | 13.0 | 15.9 g | 16 bar | 10 bar | 3 bar | 930V-6FF-1/8 | 367337 |
| 6 mm | G 1/4 | 12.4 | 19.0 | 19.8 | 7.0 | 17.0 | 25.0 g | 16 bar | 10 bar | 3 bar | 930V-6FF-1/4 | 367338 |
| 8 mm | G 1/8 | 14.4 | 22.1 | 21.9 | 5.0 | 14.0 | 19.0 g | 16 bar | 8 bar | 3 bar | 930V-8FF-1/8 | 367339 |
| 8 mm | G 1/4 | 14.4 | 22.1 | 22.4 | 7.0 | 17.0 | 26.4 g | 16 bar | 8 bar | 3 bar | 930V-8FF-1/4 | 367340 |
| 8 mm | G 3/8 | 14.4 | 22.1 | 22.4 | 8.0 | 19.0 | 35.2 g | 16 bar | 8 bar | 3 bar | 930V-8FF-3/8 | 367341 |
| 10 mm | G 1/4 | 17.2 | 26.1 | 25.7 | 7.0 | 17.0 | 32.2 g | 12 bar | 6 bar | 3 bar | 930V-10FF-1/4 | 367342 |
| 10 mm | G 3/8 | 17.2 | 26.0 | 25.7 | 8.0 | 19.0 | 40.7 g | 12 bar | 6 bar | 3 bar | 930V-10FF-3/8 | 367343 |
| 12 mm | G 1/4 | 23.0 | 31.0 | 30.5 | 7.0 | 22.0 | 57.6 g | 12 bar | 6 bar | 3 bar | 930V-12FF-1/4 | 367349 |
| 12 mm | G 3/8 | 23.0 | 31.0 | 30.5 | 8.0 | 22.0 | 58.0 g | 12 bar | 6 bar | 3 bar | 930V-12FF-3/8 | 367350 |
| 12 mm | G 1/2 | 23.0 | 31.0 | 31.0 | 9.0 | 24.0 | 72.5 g | 12 bar | 6 bar | 3 bar | 930V-12FF-1/2 | 367351 |

*OP = Maximum operating pressure at the specified medium temperature

## 90° elbow adaptor, female, positionable

Thread type: cylindrical | Not suitable for rotating or oscillating movements



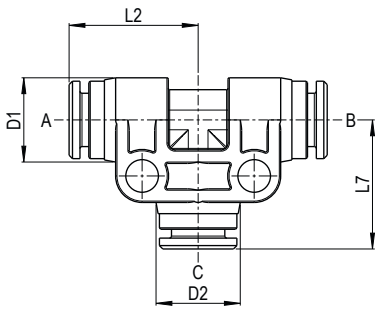



| A | B | Ø D1 mm | Ø D5 mm | L2 mm | L3 mm | L8 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | G 1/8 | 12.4 | 4.3 | 18.6 | 24.3 | 8.2 | 6.5 | 13.0 | 16.3 g | 16 bar | 10 bar | 3 bar | 979V-4FF-1/8 | 367880 |
| 4 mm | G 1/4 | 12.4 | 4.3 | 18.6 | 27.3 | 8.2 | 9.0 | 17.0 | 24.7 g | 16 bar | 10 bar | 3 bar | 979V-4FF-1/4 | 367881 |
| 6 mm | G 1/8 | 12.4 | 4.3 | 19.0 | 24.3 | 8.2 | 6.5 | 13.0 | 16.3 g | 16 bar | 10 bar | 3 bar | 979V-6FF-1/8 | 367882 |
| 6 mm | G 1/4 | 12.4 | 4.3 | 19.0 | 27.3 | 8.2 | 9.0 | 17.0 | 24.7 g | 16 bar | 10 bar | 3 bar | 979V-6FF-1/4 | 367883 |
| 8 mm | G 1/8 | 14.4 | 4.3 | 22.1 | 26.2 | 9.2 | 6.5 | 17.0 | 24.9 g | 16 bar | 8 bar | 3 bar | 979V-8FF-1/8 | 367884 |
| 8 mm | G 1/4 | 14.4 | 4.3 | 22.1 | 31.4 | 9.2 | 9.0 | 17.0 | 26.6 g | 16 bar | 8 bar | 3 bar | 979V-8FF-1/4 | 367885 |
| 12 mm | G 1/4 | 23.0 | 4.3 | 31.0 | 36.7 | 12.0 | 9.0 | 19.0 | 55.2 g | 12 bar | 6 bar | 3 bar | 979V-12FF-1/4 | 367875 |

*OP = Maximum operating pressure at the specified medium temperature

## T-connector



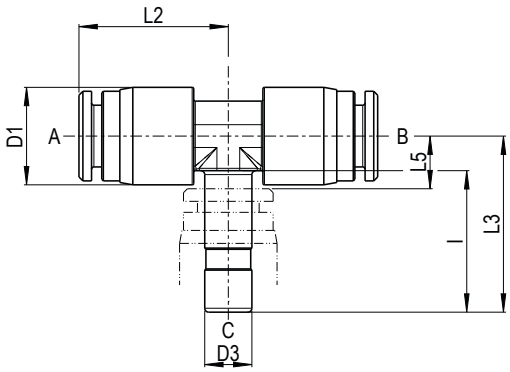



| A | B | C | Ø D1 mm | Ø D2 mm | L2 mm | L7 mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 4 mm | 12.4 | 12.4 | 18.6 | 18.6 | 10.7 g | 16 bar | 10 bar | 3 bar | 954V-4FF | 367604 |
| 6 mm | 6 mm | 4 mm | 12.4 | 12.4 | 19.0 | 18.6 | 10.6 g | 16 bar | 10 bar | 3 bar | 954V-6-4FF | 367608 |
| 6 mm | 6 mm | 6 mm | 12.4 | 12.4 | 19.0 | 19.0 | 10.9 g | 16 bar | 10 bar | 3 bar | 954V-6FF | 367610 |
| 6 mm | 6 mm | 8 mm | 14.4 | 14.4 | 21.6 | 22.1 | 15.4 g | 16 bar | 8 bar | 3 bar | 954V-6-8FF | 367639 |
| 8 mm | 8 mm | 6 mm | 14.4 | 14.4 | 22.1 | 21.6 | 15.1 g | 16 bar | 8 bar | 3 bar | 954V-8-6FF | 367611 |
| 8 mm | 8 mm | 8 mm | 14.4 | 14.4 | 22.1 | 22.1 | 15.2 g | 16 bar | 8 bar | 3 bar | 954V-8FF | 367612 |
| 10 mm | 10 mm | 6 mm | 17.2 | 17.2 | 26.1 | 24.9 | 24.5 g | 12 bar | 6 bar | 3 bar | 954V-10-6FF | 367613 |
| 10 mm | 10 mm | 8 mm | 17.2 | 17.2 | 26.1 | 25.4 | 24.7 g | 12 bar | 6 bar | 3 bar | 954V-10-8FF | 367614 |
| 10 mm | 10 mm | 10 mm | 17.2 | 17.2 | 26.1 | 26.1 | 24.9 g | 12 bar | 6 bar | 3 bar | 954V-10FF | 367615 |
| 12 mm | 12 mm | 12 mm | 21.0 | 21.0 | 31.0 | 31.0 | 41.9 g | 12 bar | 6 bar | 3 bar | 954V-12FF | 367617 |
| 14 mm | 14 mm | 14 mm | 23.0 | 23.0 | 31.0 | 31.0 | 43.6 g | 10 bar | 3 bar | 2 bar | 954V-14FF | 367619 |
| 14 mm | 14 mm | 12 mm | 23.0 | 23.0 | 31.0 | 31.0 | 44.4 g | 10 bar | 3 bar | 2 bar | 954V-14-12FF | 367620 |
| 16 mm | 16 mm | 16 mm | 25.0 | 25.0 | 32.0 | 32.0 | 48.5 g | 10 bar | 3 bar | 2 bar | 954V-16FF | 367622 |

*OP = Maximum operating pressure at the specified medium temperature

## T-stem connector





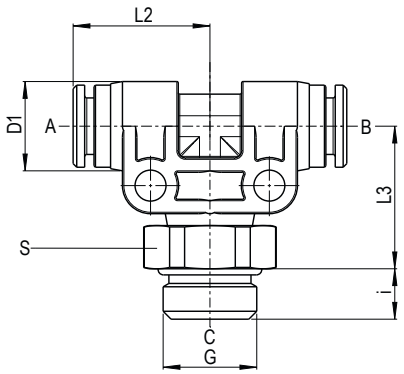

| A | B | C | Ø D1 mm | L2 mm | L3 mm | L5 mm | I mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 4 mm | 12.4 | 18.6 | 21.4 | 6.6 | 17.0 | 7.1 g | 16 bar | 10 bar | 3 bar | 912V-4FF-D4 | 367036 |
| 4 mm | 4 mm | 6 mm | 12.4 | 18.6 | 22.4 | 6.8 | 18.0 | 7.0 g | 16 bar | 10 bar | 3 bar | 912V-4FF-D6 | 367037 |
| 6 mm | 6 mm | 4 mm | 12.4 | 19.0 | 21.4 | 6.6 | 17.0 | 7.1 g | 16 bar | 10 bar | 3 bar | 912V-6FF-D4 | 367038 |
| 6 mm | 6 mm | 6 mm | 12.4 | 19.0 | 22.4 | 6.8 | 18.0 | 7.2 g | 16 bar | 10 bar | 3 bar | 912V-6FF-D6 | 367039 |
| 6 mm | 6 mm | 8 mm | 14.4 | 21.6 | 25.9 | 8.3 | 20.5 | 10.2 g | 16 bar | 10 bar | 3 bar | 912V-6FF-D8 | 367040 |
| 8 mm | 8 mm | 8 mm | 14.4 | 22.1 | 25.9 | 8.3 | 20.5 | 10.7 g | 16 bar | 8 bar | 3 bar | 912V-8FF-D8 | 367041 |
| 8 mm | 8 mm | 10 mm | 17.2 | 25.4 | 32.1 | 12.0 | 24.0 | 15.9 g | 16 bar | 8 bar | 3 bar | 912V-8FF-D10 | 367042 |
| 10 mm | 10 mm | 10 mm | 17.2 | 26.1 | 32.1 | 12.0 | 24.0 | 16.8 g | 12 bar | 6 bar | 3 bar | 912V-10FF-D10 | 367043 |

*OP = Maximum operating pressure at the specified medium temperature

## T-adaptor, male, positionable

Thread type: cylindrical | Thread sealed by an O-ring in recess | Not suitable for rotating or oscillating movements





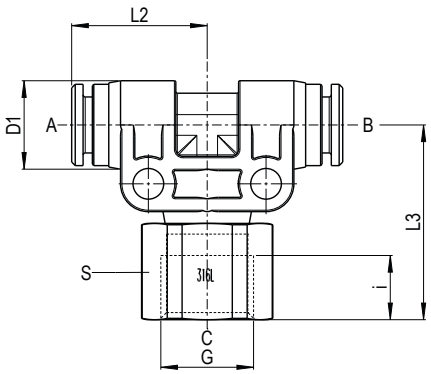

| A | B | C | Ø D1 mm | L2 mm | L3 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 18.6 | 19.3 | 5.0 | 13.0 | 19.4 g | 16 bar | 10 bar | 3 bar | 921V-4FF-1/8 | 367356 |
| 4 mm | 4 mm | G 1/4 | 12.4 | 18.6 | 19.8 | 7.0 | 17.0 | 28.5 g | 16 bar | 10 bar | 3 bar | 921V-4FF-1/4 | 367357 |
| 6 mm | 6 mm | G 1/8 | 12.4 | 19.0 | 19.3 | 5.0 | 13.0 | 19.7 g | 16 bar | 10 bar | 3 bar | 921V-6FF-1/8 | 367362 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 19.0 | 19.8 | 7.0 | 17.0 | 28.4 g | 16 bar | 10 bar | 3 bar | 921V-6FF-1/4 | 367363 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 22.1 | 21.9 | 5.0 | 14.0 | 24.0 g | 16 bar | 8 bar | 3 bar | 921V-8FF-1/8 | 367366 |
| 8 mm | 8 mm | G 1/4 | 14.4 | 22.1 | 22.4 | 7.0 | 17.0 | 31.4 g | 16 bar | 8 bar | 3 bar | 921V-8FF-1/4 | 367367 |
| 8 mm | 8 mm | G 3/8 | 14.4 | 22.1 | 22.4 | 8.0 | 19.0 | 39.9 g | 16 bar | 8 bar | 3 bar | 921V-8FF-3/8 | 367368 |
| 10 mm | 10 mm | G 1/4 | 17.2 | 26.1 | 25.7 | 7.0 | 17.0 | 40.2 g | 12 bar | 6 bar | 3 bar | 921V-10FF-1/4 | 367371 |
| 10 mm | 10 mm | G 3/8 | 17.2 | 26.1 | 25.7 | 8.0 | 19.0 | 48.3 g | 12 bar | 6 bar | 3 bar | 921V-10FF-3/8 | 367372 |
| 12 mm | 12 mm | G 1/4 | 21.0 | 31.0 | 30.5 | 7.0 | 22.0 | 68.5 g | 12 bar | 6 bar | 3 bar | 921V-12FF-1/4 | 367374 |
| 12 mm | 12 mm | G 3/8 | 21.0 | 31.0 | 30.5 | 8.0 | 22.0 | 68.8 g | 12 bar | 6 bar | 3 bar | 921V-12FF-3/8 | 367375 |

*OP = Maximum operating pressure at the specified medium temperature

## T-adaptor, female, positionable

Thread type: cylindrical | Not suitable for rotating or oscillating movements





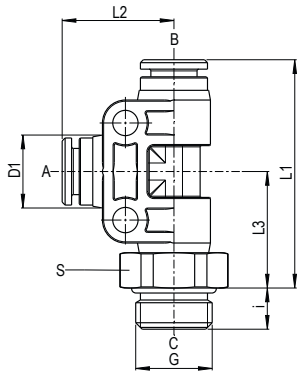

| A | B | C | Ø D1 mm | L2 mm | L3 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 18.6 | 24.3 | 6.5 | 13.0 | 18.8 g | 16 bar | 10 bar | 3 bar | 970V-4FF-1/8 | 367888 |
| 4 mm | 4 mm | G 1/4 | 12.4 | 18.6 | 27.3 | 9.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 970V-4FF-1/4 | 367889 |
| 6 mm | 6 mm | G 1/8 | 12.4 | 19.0 | 24.3 | 6.5 | 13.0 | 19.9 g | 16 bar | 10 bar | 3 bar | 970V-6FF-1/8 | 367890 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 19.0 | 27.3 | 9.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 970V-6FF-1/4 | 367891 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 22.1 | 26.2 | 6.5 | 17.0 | 29.9 g | 16 bar | 8 bar | 3 bar | 970V-8FF-1/8 | 367892 |
| 8 mm | 8 mm | G 1/4 | 14.4 | 22.1 | 29.9 | 9.0 | 17.0 | 32.0 g | 16 bar | 8 bar | 3 bar | 970V-8FF-1/4 | 367893 |

*OP = Maximum operating pressure at the specified medium temperature

## Side T-adaptor, male, positionable

Thread type: cylindrical | Thread sealed by an O-ring in recess | Not suitable for rotating or oscillating movements





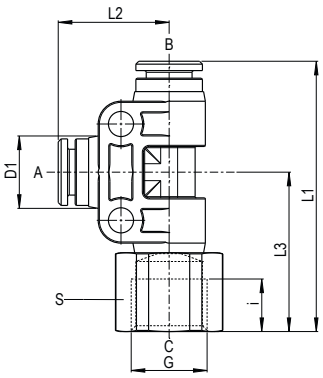

| A | B | C | Ø D1 mm | L1 mm | L2 mm | L3 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 37.9 | 18.6 | 19.3 | 5.0 | 13.0 | 19.2 g | 16 bar | 10 bar | 3 bar | 922V-4FF-1/8 | 367406 |
| 4 mm | 4 mm | G 1/4 | 12.4 | 38.4 | 18.6 | 19.8 | 7.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 922V-4FF-1/4 | 367407 |
| 6 mm | 6 mm | G 1/8 | 12.4 | 38.3 | 19.0 | 19.3 | 5.0 | 13.0 | 19.7 g | 16 bar | 10 bar | 3 bar | 922V-6FF-1/8 | 367412 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 38.8 | 19.0 | 19.8 | 7.0 | 17.0 | 28.4 g | 16 bar | 10 bar | 3 bar | 922V-6FF-1/4 | 367413 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 44.0 | 22.1 | 21.9 | 5.0 | 14.0 | 23.8 g | 16 bar | 8 bar | 3 bar | 922V-8FF-1/8 | 367416 |
| 8 mm | 8 mm | G 1/4 | 14.4 | 44.5 | 22.1 | 22.4 | 7.0 | 17.0 | 31.5 g | 16 bar | 8 bar | 3 bar | 922V-8FF-1/4 | 367417 |
| 8 mm | 8 mm | G 3/8 | 14.4 | 44.5 | 22.1 | 22.4 | 8.0 | 19.0 | 39.8 g | 16 bar | 8 bar | 3 bar | 922V-8FF-3/8 | 367418 |
| 10 mm | 10 mm | G 1/4 | 17.4 | 51.8 | 26.1 | 25.7 | 7.0 | 17.0 | 39.8 g | 12 bar | 6 bar | 3 bar | 922V-10FF-1/4 | 367421 |
| 10 mm | 10 mm | G 3/8 | 17.2 | 51.8 | 26.1 | 25.7 | 8.0 | 19.0 | 48.4 g | 12 bar | 6 bar | 3 bar | 922V-10FF-3/8 | 367422 |
| 12 mm | 12 mm | G 1/4 | 21.0 | 61.5 | 31.0 | 30.5 | 7.0 | 22.0 | 68.5 g | 12 bar | 6 bar | 3 bar | 922V-12FF-1/4 | 367424 |
| 12 mm | 12 mm | G 3/8 | 21.0 | 61.5 | 31.0 | 30.5 | 8.0 | 22.0 | 68.8 g | 12 bar | 6 bar | 3 bar | 922V-12FF-3/8 | 367425 |

*OP = Maximum operating pressure at the specified medium temperature

## Side T-adaptor, female, positionable

Thread type: cylindrical | Not suitable for rotating or oscillating movements



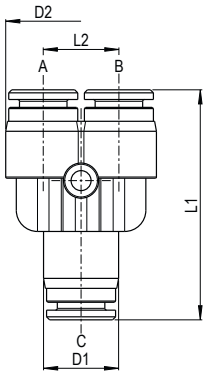



| A | B | C | Ø D1 mm | L1 mm | L2 mm | L3 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 42.9 | 18.6 | 24.3 | 6.5 | 13.0 | 19.9 g | 16 bar | 10 bar | 3 bar | 923V-4FF-1/8 | 367810 |
| 4 mm | 4 mm | G 1/4 | 12.4 | 45.9 | 18.6 | 27.3 | 9.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 923V-4FF-1/4 | 367811 |
| 6 mm | 6 mm | G1/8 | 12.4 | 43.3 | 19.0 | 24.3 | 6.5 | 13.0 | 19.9 g | 16 bar | 10 bar | 3 bar | 923V-6FF-1/8 | 367812 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 46.3 | 19.0 | 27.3 | 9.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 923V-6FF-1/4 | 367813 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 48.3 | 22.1 | 25.2 | 6.5 | 17.0 | 29.9 g | 16 bar | 8 bar | 3 bar | 923V-8FF-1/8 | 367814 |
| 8 mm | 8 mm | G 1/4 | 14.4 | 53.5 | 22.1 | 31.4 | 9.0 | 17.0 | 32.0 g | 16 bar | 8 bar | 3 bar | 923V-8FF-1/4 | 367815 |

*OP = Maximum operating pressure at the specified medium temperature

## Y-connector





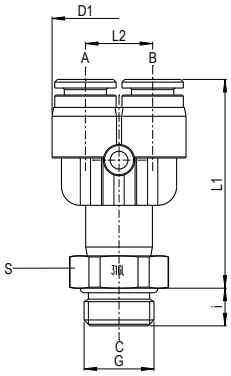

| A | B | C | Ø D1 mm | Ø D2 mm | L1 mm | L2 mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 4 mm | 12.4 | 12.5 | 37.2 | 12.5 | 11.9 g | 16 bar | 10 bar | 3 bar | 982V-4FF | 367654 |
| 4 mm | 4 mm | 6 mm | 12.4 | 12.5 | 37.6 | 12.5 | 10.0 g | 16 bar | 10 bar | 3 bar | 982V-6-4FF | 367658 |
| 6 mm | 6 mm | 6 mm | 12.4 | 12.5 | 38.0 | 12.5 | 13.0 g | 16 bar | 10 bar | 3 bar | 982V-6FF | 367660 |
| 6 mm | 6 mm | 8 mm | 14.4 | 14.5 | 42.7 | 14.5 | 17.5 g | 16 bar | 8 bar | 3 bar | 982V-8-6FF | 367661 |
| 8 mm | 8 mm | 8 mm | 14.4 | 14.4 | 43.2 | 14.5 | 16.0 g | 16 bar | 8 bar | 3 bar | 982V-8FF | 367662 |
| 8 mm | 8 mm | 10 mm | 17.2 | 17.2 | 48.5 | 17.0 | 23.3 g | 12 bar | 6 bar | 3 bar | 982V-10-8FF | 367664 |
| 10 mm | 10 mm | 10 mm | 17.2 | 17.2 | 49.2 | 17.0 | 24.4 g | 12 bar | 6 bar | 3 bar | 982V-10FF | 367665 |
| 10 mm | 10 mm | 12 mm | 21.0 | 14.4 | 55.4 | 20.5 | 37.5 g | 12 bar | 6 bar | 3 bar | 982V-12-10FF | 367666 |
| 12 mm | 12 mm | 12 mm | 21.0 | 21.0 | 55.5 | 20.5 | 38.4 g | 12 bar | 6 bar | 3 bar | 982V-12FF | 367667 |

*OP = Maximum operating pressure at the specified medium temperature

## Y-adaptor, male, positionable

Thread type: cylindrical | Thread sealed by an O-ring in recess | Not suitable for rotating or oscillating movements





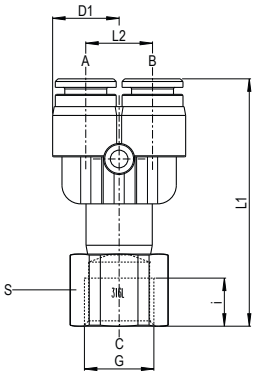

| A | B | C | Ø D1 mm | L1 mm | L2 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 37.9 | 12.5 | 5.0 | 13.0 | 19.1 g | 16 bar | 10 bar | 3 bar | 992V-4FF-1/8 | 367456 |
| 4 mm | 4 mm | G 1/4 | 12.5 | 38.4 | 12.5 | 7.0 | 17.0 | 28.0 g | 16 bar | 10 bar | 3 bar | 992V-4FF-1/4 | 367457 |
| 6 mm | 6 mm | G 1/8 | 12.4 | 38.3 | 12.5 | 5.0 | 13.0 | 19.6 g | 16 bar | 10 bar | 3 bar | 992V-6FF-1/8 | 367462 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 38.8 | 12.5 | 7.0 | 17.0 | 28.3 g | 16 bar | 10 bar | 3 bar | 992V-6FF-1/4 | 367463 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 43.0 | 14.5 | 5.0 | 14.0 | 24.1 g | 16 bar | 8 bar | 3 bar | 992V-8FF-1/8 | 367466 |
| 8 mm | 8 mm | G 1/4 | 14.5 | 43.5 | 14.5 | 7.0 | 17.0 | 31.9 g | 16 bar | 8 bar | 3 bar | 992V-8FF-1/4 | 367467 |
| 8 mm | 8 mm | G 3/8 | 14.5 | 43.5 | 14.5 | 8.0 | 19.0 | 40.2 g | 16 bar | 8 bar | 3 bar | 992V-8FF-3/8 | 367468 |
| 10 mm | 10 mm | G 1/4 | 17.2 | 48.9 | 17.0 | 7.0 | 17.0 | 38.6 g | 12 bar | 6 bar | 3 bar | 992V-10FF-1/4 | 367471 |
| 10 mm | 10 mm | G 3/8 | 17.2 | 48.9 | 17.0 | 8.0 | 19.0 | 47.1 g | 12 bar | 6 bar | 3 bar | 992V-10FF-3/8 | 367472 |
| 12 mm | 12 mm | G 1/4 | 21.0 | 55.0 | 20.5 | 7.0 | 22.0 | 65.1 g | 12 bar | 6 bar | 3 bar | 992V-12FF-1/4 | 367474 |
| 12 mm | 12 mm | G 3/8 | 21.0 | 55.0 | 20.5 | 8.0 | 22.0 | 74.1 g | 12 bar | 6 bar | 3 bar | 992V-12FF-3/8 | 367475 |

*OP = Maximum operating pressure at the specified medium temperature

## Y-adaptor, female, positionable

Thread type: cylindrical | Not suitable for rotating or oscillating movements



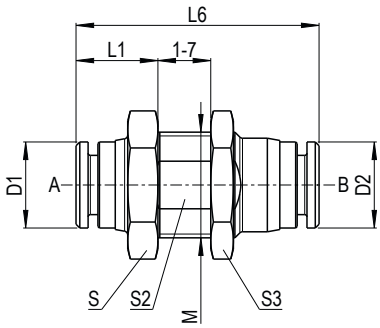



| A | B | C | Ø D1 mm | L1 mm | L2 mm | i mm | S mm | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | G 1/8 | 12.4 | 42.9 | 12.5 | 6.5 | 13.0 | 19.9 g | 16 bar | 10 bar | 3 bar | 993V-4FF-1/8 | 367820 |
| 4 mm | 4 mm | G 1/4 | 12.4 | 45.9 | 12.5 | 9.0 | 17.0 | 28.4 g | 16 bar | 10 bar | 3 bar | 993V-4FF-1/4 | 367821 |
| 6 mm | 6 mm | G 1/8 | 12.4 | 43.3 | 12.5 | 6.5 | 13.0 | 19.7 g | 16 bar | 10 bar | 3 bar | 993V-6FF-1/8 | 367822 |
| 6 mm | 6 mm | G 1/4 | 12.4 | 46.3 | 12.5 | 9.0 | 17.0 | 28.1 g | 16 bar | 10 bar | 3 bar | 993V-6FF-1/4 | 367823 |
| 8 mm | 8 mm | G 1/8 | 14.4 | 47.3 | 14.5 | 6.5 | 17.0 | 30.0 g | 16 bar | 8 bar | 3 bar | 993V-8FF-1/8 | 367824 |
| 8 mm | 8 mm | G 1/4 | 14.4 | 52.5 | 14.5 | 9.0 | 17.0 | 32.1 g | 16 bar | 8 bar | 3 bar | 993V-8FF-1/4 | 367825 |

*OP = Maximum operating pressure at the specified medium temperature

## Straight bulkhead connector






| A | B | Ø D1 mm | Ø D2 mm | L1 mm | L6 mm | S mm | S2 mm | S3 mm | M | Weight | OP* at 20 °C | OP* at 100 °C | OP* at 120 °C | Type | Order No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm | 4 mm | 9.4 | 9.4 | 10.0 | 31.0 | 17.0 | 12.5 | 17.0 | M14x1 | 10.0 g | 16 bar | 10 bar | 3 bar | 959V-4FF | 367704 |
| 6 mm | 4 mm | 11.4 | 9.4 | 11.0 | 31.8 | 17.0 | 12.5 | 17.0 | M14x1 | 10.1 g | 16 bar | 10 bar | 3 bar | 959V-6-4FF | 367708 |
| 6 mm | 6 mm | 11.4 | 11.4 | 11.0 | 32.2 | 17.0 | 12.5 | 17.0 | M14x1 | 10.2 g | 16 bar | 10 bar | 3 bar | 959V-6FF | 367710 |
| 8 mm | 6 mm | 13.8 | 11.4 | 12.7 | 35.7 | 19.0 | 14.5 | 19.0 | M16x1 | 13.7 g | 16 bar | 8 bar | 3 bar | 959V-8-6FF | 367711 |
| 8 mm | 8 mm | 13.8 | 13.8 | 13.0 | 36.0 | 19.0 | 14.5 | 19.0 | M16x1 | 13.6 g | 16 bar | 8 bar | 3 bar | 959V-8FF | 367712 |
| 10 mm | 8 mm | 16.4 | 13.8 | 13.4 | 40.5 | 22.0 | 18.0 | 24.0 | M20x1 | 22.6 g | 12 bar | 6 bar | 3 bar | 959V-10-8FF | 367714 |
| 10 mm | 10 mm | 16.4 | 16.4 | 13.0 | 41.0 | 22.0 | 18.0 | 24.0 | M20x1 | 23.1 g | 12 bar | 6 bar | 3 bar | 959V-10FF | 367715 |

*OP = Maximum operating pressure at the specified medium temperature