

## Pneufit Multi-Connectors B0B0, B0P0, B0S0 Series

- Enable connection of multiple airlines
- Series B0B0 Bulkhead is designed to give simple tube connections
- Series B0P0 Plugs and B0S0 Sockets are used when the two sections need to be separated and remain in a fixed position
- B0TS Tube socks are used to neatly group tubes and offer protection of the tube entry
- B0DC Dust caps (for both plug and socket sides) are designed to protect threads and prevent ingress
- Multi-connectors offer the benefit of single rather than multiple holes in panel, cabinets and equipment. Options include a plug and socket combination, or a simple bulkhead.



### Technical features

#### Medium:

Compressed air (do not use with O<sub>2</sub>)

#### Operating pressure:

Vacuum to 12 bar

#### Operating temperature:

-20 to 80°C  
Consult our Technical Service for use below +2°C

#### Acceptable panel thickness:

0 to 5 mm

#### Standard PIF sizes:

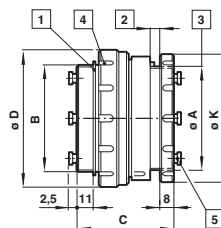
4, 6, 8 mm

#### Materials:

Body: Acetal  
Fittings  
Collet: nickel-plated brass  
Cartridge insert: brass  
'O'-ring: nitrile (silicone free)

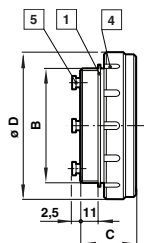
### Assemblies

#### Plug and socket parts assembled together



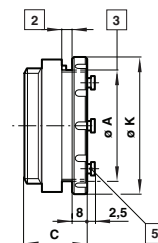
- 1 Circlip in carbon steel
- 2 Panel width (up to 5 mm)
- 3 Panel mount
- 4 12 equal-spaced Ø 4x2 notches on nut & socket locking ring
- 5 PNEUFIT Push-In traceability two letter code on plug and socket end faces

| For multiconnector Ø | A panel Ø | B         | C  | D Ø | K Ø | Model         |
|----------------------|-----------|-----------|----|-----|-----|---------------|
| 50                   | 40        | M40 x 1,5 | 54 | 55  | 50  | See next page |
| 70                   | 58        | M58 x 1,5 | 54 | 75  | 70  | See next page |



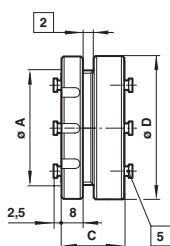
## Plugs

| For multiconnector Ø | Number PIF | PIF Ø | B panel Ø | C  | D Ø | Model      |
|----------------------|------------|-------|-----------|----|-----|------------|
| 50                   | 4          | 4     | M40 x 1,5 | 27 | 55  | B0P0040450 |
| 50                   | 7          | 4     | M40 x 1,5 | 27 | 55  | B0P0040750 |
| 70                   | 12         | 4     | M58 x 1,5 | 27 | 55  | B0P0041270 |
| 50                   | 4          | 6     | M40 x 1,5 | 27 | 55  | B0P0060450 |
| 50                   | 7          | 6     | M40 x 1,5 | 27 | 55  | B0P0060750 |
| 50                   | 4          | 8     | M40 x 1,5 | 27 | 55  | B0P0080450 |



## Sockets

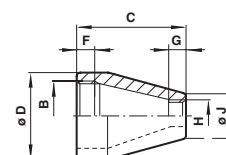
| For multiconnector Ø | Number PIF | PIF Ø | A panel Ø | C  | K Ø | Model      |
|----------------------|------------|-------|-----------|----|-----|------------|
| 50                   | 4          | 4     | 40        | 33 | 50  | B0S0040450 |
| 50                   | 7          | 4     | 40        | 33 | 50  | B0S0040750 |
| 70                   | 12         | 4     | 58        | 33 | 50  | B0S0041270 |
| 50                   | 4          | 6     | 40        | 33 | 50  | B0S0060450 |
| 50                   | 7          | 6     | 40        | 33 | 50  | B0S0060750 |
| 50                   | 4          | 8     | 40        | 33 | 50  | B0S0080450 |



## Bulkheads

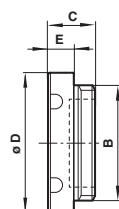
| For multiconnector Ø | Number PIF | PIF Ø | A panel Ø | C  | D Ø | Model      |
|----------------------|------------|-------|-----------|----|-----|------------|
| 50                   | 4          | 4     | 40        | 32 | 50  | B0B0040450 |
| 50                   | 7          | 4     | 40        | 32 | 50  | B0B0040750 |
| 70                   | 12         | 4     | 58        | 32 | 50  | B0B0041270 |
| 50                   | 4          | 6     | 40        | 32 | 50  | B0B0060450 |
| 50                   | 7          | 6     | 40        | 32 | 50  | B0B0060750 |
| 50                   | 4          | 8     | 40        | 32 | 50  | B0B0080450 |

Bulkheads come with a locknut included



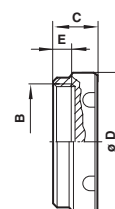
## Tube socket

| For multiconnector Ø | B         | C  | D Ø | F Ø  | G  | H         | I Ø | Model      |
|----------------------|-----------|----|-----|------|----|-----------|-----|------------|
| 50                   | M40 x 1,5 | 55 | 50  | 12,5 | 13 | M25 x 1,5 | 36  | B0TS000050 |
| 70                   | M58 x 1,5 | 70 | 70  | 14,5 | 13 | M32 x 1,5 | 43  | B0TS000070 |



## Dust cap for plugs

| For multiconnector Ø | B         | C    | D Ø | E | Model       |
|----------------------|-----------|------|-----|---|-------------|
| 50                   | M46 x 1,5 | 18,5 | 50  | 9 | B0DC000050P |



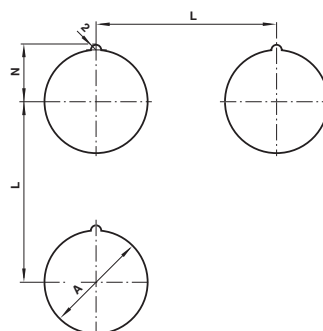
## Dust cap for sockets

| For multiconnector Ø | B         | C  | D Ø | E  | Model       |
|----------------------|-----------|----|-----|----|-------------|
| 50                   | M46 x 1,5 | 18 | 55  | 13 | B0DC000050S |

## Machining detail

When more than one connector is used on an assembly the following dimensional constraints apply

| For multiconnector Ø | A Ø | C  | N    |
|----------------------|-----|----|------|
| 50                   | 40  | 70 | 21   |
| 70                   | 58  | 90 | 30,5 |



## Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/data«**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.