

Non-return Valves & Fittings



Non-return Valves

- Allow free flow in one direction only
- Simple reliable design
- Low weight
- Low cracking pressure
- High operating pressure

Medium:
Compressed Air, Filtered,
Lubricated and Non-
Lubricated, Vacuum

Body:
Anodised Aluminium

Collet:
Nickel Plated Brass

Spring:
Stainless Steel

Seals:
Nitrile Rubber

Valve & Insert:
Aluminium

Mounting:
Line Mounted, Push-In
Connection

Tubing Types:
Nylon 11 or 12,
Polyurethane, and
other plasticised or
unplasticised tubing
which conforms to the
tolerances specified in
BS 5409, part 1, 1976,
light and normal duty,
DIN 73378, DIN 74234,
NFE 49 100

Working Temperature:
-20°C to +80°C

Working Pressure:
-0.9 to 16 bar (dependent upon
operating specification of tubing)

Tech Sheet
20749



T50 Series, In-line Push-in

0038	OD mm	bar	£
T50P0004	4	0.03	21.25
T50P0006	6	0.03	24.70
T50P0008	8	0.03	28.65
T50P0010	10	0.03	32.05
T50P0012	12	0.03	33.40

Blocking, Pressure Reducing & Pneumatic Sensor Fittings

- Very compact units
- Easy tube insertion for rapid assembly of pneumatic circuits
- Positive tube anchorage
- Simpler pneumatic systems
- Male BSP Parallel

Medium:
Compressed Air
Body: Nickel Plated
Brass or Plastic
Collet: Nickel Plated
Brass

Sealing Washer: Plastic
Elastomeric: Nitrile &
Polyurethane
Banjo Bolts:
Zinc Plated Brass

Operating Pressures:
Blocking Fitting: Supply Pressure: 1-10 bar
Pressure Reducing Fitting:
Primary Pressure: 1-10 bar max.
Secondary Pressure: 1-8 bar max.
Pressure Reducing Fitting:
Cylinder Pressure: (Pc): 10 bar max.
Sensor Supply Pressure: 3-10 bar
Sensor Switch Pressure: 0,6 bar typ.

Working Temperature:
-20°C to +80°C

Tech Sheet
10258



Blocking Fitting, BSPP

0038	OD mm	bar	£
102GA0618	6	1/8"	44.60
102GA0628	6	1/4"	45.00
102GA0828	8	1/4"	47.35
102GA1248	12	1/2"	92.35

Tubing Types:
Nylon 11 or 12, polyurethane and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS 5409, Part 1, 1976, light and normal duty, DIN 73378, DIN 74234, NFE 49-100

Tech Sheet
10258



Pressure Reducing Fitting, BSPP

0038	OD mm	bar	£
102GB0418	4	1/8"	38.10
102GB0628	6	1/4"	49.75
102GB0838	8	3/8"	56.85
102GB1038	10	3/8"	85.30

Tech Sheet
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Pneumatic Sensor Fitting, BSPP

0038	OD mm	bar	£
102GD0418	4	1/8"	26.35
102GD0428	4	1/4"	26.35

For...

Push Button Carriers



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