> Port size: 1/4" ... 3/4" (ISO G/ PTF)
> Complete air processing units pre-assembled, ready to install

Technical features

**Medium:** Compressed air only

**Maximum operating pressure:** 17 bar (246 psi)

**Pressure range:** 0.3 ... 10 bar (4 ... 145 psi)

**Port sizes:** G1/4, G3/8, G1/2 or G3/4

**Gauge ports:** Rc 1/8

**Relieving:** Standard

**Element:** 40 μm

**Drain:** Manual or automatic

**Automatic drain conditions:** Pressure to close drain:
> 0.3 bar (4.3 psi)  
Pressure to open drain:
< 0.2 bar (2.9 psi)

Minimum air flow to close drain:
0.6 dm³/s (1.3 scfm)

**Bowl size (lubricator):** 0.2 litre (7 fluid oz)

**Ambient/Media temperature:** -20° ... +80°C (-4° ... +176°F)

**Version with gauge:** -20° ... +65°C (-4° ... +149°F)

**Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).**

**Materials:**
- Body and yoke: Zinc alloy
- Connection piece: Aluminium
- Prismatic liquid level indicator: Grilamid
- Sight dome: transparent PA
- Element: Sintered bronze or plastic
- Elastomers: NBR

Please contact IMI Norgren for following options:

**Pressure range:** 0.3 ... 4 bar (4 ... 58 psi)
0.7 ... 17 bar (2 ... 250 psi)

**Port sizes:** 1/4 PTF, 3/8 PTF, 1/2 PTF, 3/4 PTF

**Element:** 5 μm

**Bowl size (lubricator):** 1 litre

Technical data BL64 - standard models; automatic drain

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Size</th>
<th>Pressure range (bar)</th>
<th>Element (μm)</th>
<th>Drain</th>
<th>Lubricator</th>
<th>Mounting</th>
<th>Gauge</th>
<th>Shut-off valve</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1/4</td>
<td>—</td>
<td>0.3</td>
<td>0.3 ... 10</td>
<td>40</td>
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<td>Micro fog</td>
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<td>With</td>
<td>With</td>
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<tr>
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Technical data BL64 - standard models, manual drain

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<th>Symbol</th>
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<th>Size</th>
<th>Pressure range (bar)</th>
<th>Element (µm)</th>
<th>Drain</th>
<th>Lubricator</th>
<th>Mounting</th>
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<th>Shut-off valve</th>
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Accessories

<table>
<thead>
<tr>
<th>3/2 Shut-off valve</th>
<th>Threaded inlet only</th>
<th>Threaded outlet only</th>
<th>End connector kit</th>
<th>Rear entry bracket kit</th>
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<tr>
<td>3/2 Shut-off valve</td>
<td>T64T-2GB-P1N</td>
<td>T64T-2GC-P1N</td>
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<td>T64T-3GC-P1N</td>
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<td>Threaded outlet only</td>
<td>T64T-4GB-P1N</td>
<td>T64T-4GC-P1N</td>
<td>74505-50</td>
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<td>End connector kit</td>
<td>T64T-6GB-P1N</td>
<td>T64T-6GC-P1N</td>
<td>74505-53</td>
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<tr>
<td>Rear entry bracket kit</td>
<td>1/4 PTF T64T-2AP-P1N</td>
<td>T64T-2AC-P1N</td>
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<tr>
<td>3/8 PTF T64T-3AP-P1N</td>
<td>T64T-3AC-P1N</td>
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<td></td>
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<tr>
<td>1/2 PTF T64T-4AP-P1N</td>
<td>T64T-4AC-P1N</td>
<td>—</td>
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<tr>
<td>3/4 PTF T64T-6AP-P1N</td>
<td>T64T-6AC-P1N</td>
<td>—</td>
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</table>

Quick fill device: 18-011-024
Tamper resistant cap & seal wire: 4355-51
Yoke connector kit: 74503-51
Porting block: 74507-50
Adjustable pressure switch: 4346-99
Padlock with two keys: 0613633 (brass)
Basic dimensions

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Dimensions in mm
- Projection/First angle

- Minimum clearance required to remove bowl
- Main ports 1/4”, 3/8”, 1/2” or 3/4”
- Quick fill device
- For main ports 3/4” only
- Sight glass
- Reduces by 4 mm with knob in locked position
Rear entry bracket
18-026-981

Adjustable pressure switch
4346-99
Voltage 24 V d.c./240 V a.c.
Current 0.5 A (d.c.); 5 A (a.c.)
Pressure range 2 ... 10 bar
Repeatability 2% of full set point range at 20°C
Average deadband 0.8 ... 1.7 bar
Electrical connection (corresponding to chosen coil) EN 175301-803 - Form C, 15 mm
Degree of protection: IP65
Adjustable Standard
Material Body: Aluminium, Elastomers: NBR

3/2 Shut-off valve
Symbol A B ø C Model
G1/4 48 27 T64T-2G*-P1N
G3/8 48 27 T64T-3G*-P1N
G1/2 48 27 T64T-4G*-P1N
G3/4 51 33 T64T-6G*-P1N
* B = Threaded inlet only, C = Threaded outlet only

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 IMI Precision Engineering, Norgren GmbH. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

Porting block
74507-50

Dimensions in mm

Adjusting screw

Padlock hole ø7.5 mm

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.