> Port size: 3/8" ... 3/4" (ISO G/PTF)
> Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
> 3/2 way function
> Threaded exhaust port
> Lockable in closed position with padlock

Technical features
Medium: Compressed air only
Maximum supply pressure: 20 bar (290 psi)
Port size: G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:
From IN to OUT ports:
1/2": 162 dm³/s at 6.3 bar and Δp 0.5 bar pressure drop,
1.8 dm³/s from OUT to exhaust port.

Ambient/Media temperature:
-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: Die cast aluminium
Body covers: ABS
Elastomers: NBR

Technical data T84T - standard models

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Port size</th>
<th>Function</th>
<th>Valve type</th>
<th>Exhaust port forms</th>
<th>Weight (kg)</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Symbol" /></td>
<td>G3/8</td>
<td>3/2</td>
<td>Ball valve</td>
<td>Exhaust port threaded G1/4</td>
<td>0.48</td>
<td>T84T-3GA-B1N</td>
</tr>
<tr>
<td><img src="image" alt="Symbol" /></td>
<td>G1/2</td>
<td>3/2</td>
<td>Ball valve</td>
<td>Exhaust port threaded G1/4</td>
<td>0.48</td>
<td>T84T-4GA-B1N</td>
</tr>
<tr>
<td><img src="image" alt="Symbol" /></td>
<td>G3/4</td>
<td>3/2</td>
<td>Ball valve</td>
<td>Exhaust port threaded G1/4</td>
<td>0.48</td>
<td>T84T-6GA-B1N</td>
</tr>
</tbody>
</table>

Option selector

<table>
<thead>
<tr>
<th>Function</th>
<th>Substitute</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/2</td>
<td>T</td>
</tr>
</tbody>
</table>

Thread form | Substitute
---|---
PTF | A
ISO G parallel (standard) | G

Port size | Substitute
---|---
3/8" | 3
1/2" | 4
3/4" | 6
### Accessories

<table>
<thead>
<tr>
<th>Wall mounting bracket</th>
<th>Quickclamp&lt;sup&gt;®&lt;/sup&gt; with bracket assembled</th>
<th>Pressure sensing block 1/4 PTF</th>
<th>Pressure sensing block G1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>840024-50KIT</td>
<td>840014-51KT</td>
<td>840016-50KT</td>
<td>840016-51KT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Full flow porting block 3/4 PTF</th>
<th>Full flow porting block G3/4</th>
<th>Pressure switch interface block (18D pressure switch)</th>
<th>Pneumatic pressure switch 18D (0,5 ... 8 bar) *1)</th>
<th>Digital pressure switch 51D (-1 ... 10 bar) *2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>840028-50KT</td>
<td>840028-53KT</td>
<td>0337717000000000</td>
<td>0981300</td>
<td>0860810</td>
</tr>
</tbody>
</table>

*1) Flanged version. For other pressure ranges, please see data sheet 5.11.001

*2) For other pressure ranges, please see data sheet 5.11.385

### Port Adaptors

<table>
<thead>
<tr>
<th>Port Adaptors 3/8 PTF</th>
<th>Port Adaptors 1/2 PTF</th>
<th>Port Adaptors 3/4 PTF</th>
<th>Port Adaptors G3/8</th>
<th>Port Adaptors G1/2</th>
<th>Port Adaptors G3/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>840015-02KT</td>
<td>840015-03KT</td>
<td>840015-04KT</td>
<td>840015-10KT</td>
<td>840015-11KT</td>
<td>840015-12KT</td>
</tr>
</tbody>
</table>

### Padlock

<table>
<thead>
<tr>
<th>Padlock</th>
<th>Lockout device</th>
<th>Porous plastic silencer *3) G1/4</th>
<th>Plastic silencer *3) G1/4</th>
<th>Sinter bronze silencer *3) 1/4 PTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>840055-01KT</td>
<td>840055-02KT</td>
<td>M/S2</td>
<td>0014600000000000</td>
<td>MS002A</td>
</tr>
</tbody>
</table>

*3) Max. pressure of silencers listed in this data sheet : 10bar. For pressure higher than 10bar please contact IMI Norgren
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Accessories

**Quikclamp® with wall bracket**

**Quikclamp®**

**Mounting bracket**

**Pressure sensing block**

**Full flow porting block**
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**Porting block for 18D pressure switch**

**18D Pressure switch**

**18D Porting block and 18D assembled**

**Pipe adaptor**

**51D Pressure switch - digital**

- Switch OUT 1, green LED
- Switch OUT 2, red LED
- Dustproof protector
- Connector M12 x 1
- Inlet port
- Alternative inlet port G1/8 plugged
- Thread for mounting screw
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 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.