Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document. (2006 - 5017d) © 2015 Fluid Automation Systems s.a.
Technical data - standard models

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Operation</th>
<th>Orifice (mm)</th>
<th>Operating pressure (bar)</th>
<th>kv*1) (l/min)</th>
<th>Power consumption (W) *2)</th>
<th>Voltage (V d.c.)</th>
<th>Manual override *3)</th>
<th>Seal mate-rial</th>
<th>Drawing no.</th>
<th>Model</th>
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<tbody>
<tr>
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</tbody>
</table>

*1) Cv = 0,07 kv
*2) Power consumption: "boosting power during ca. 50 ms"/ "holding power"
*3) Push only

Accessories

- Mounting plate with barbed fittings for 3 mm ØID tubing (up to 2 bar)
- Mounting manifold with M3 threads — 1 position
- Mounting manifold with M5 threads — 1 ... 8 positions

Electrical connection

- Electrical connector Molex 50-57-9402 with 300 mm flying leads
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Dimensions

1

Dimensions shown in mm
Projection/First angle

2

Manual override, push only
Sealing area
The recommended mounting screw tightening torque is 0.15 Nm.
Connector mates with Molex 50-57-9402

All solenoids are supplied with mounting screws and gasket.
Mounting plate with barbed fittings for 3 mm ØID tubing (up to 2 bar)
Model: S111.1772

Mounting manifold
Model: S110.1277

Dimensions shown in mm
Projection/First angle

Mounting thread M3 x 4,5 deep

Mounting thread M2 x 5 deep

Valve station | X  | Y  |
--------------|----|----|
2             | 16.5 | 22.5  |
3             | 27  | 33  |
4             | 37.5 | 43.5 |
5             | 48  | 54  |
6             | 58.5 | 64.5 |
7             | 69  | 75  |
8             | 79.5 | 85.5 |
Warning

These products are intended for use in air, oxygen and neutral gas systems only. Do not use these products where pressures and temperatures can exceed those listed under «Technical features».

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 FAS.

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.