Solenoid actuated valves
Midi-pneumatic, 5/2-way valves, indirectly actuated

Double solenoid valve
without socket, with manual override
with thread G 1/8:
Type JMEH-5/2-1/8
nominal size 4 mm:
Type JMEH-5/2-4.0
for manifold rail, type PRS-ME-...:
Type JMEH-5/2-1/8-P

Valves with auxiliary pilot air connection
with thread G 1/8:
Type JMEH-5/2-1/8-S
nominal size 4 mm:
Type JMEH-5/2-4.0-S
for manifold rail, type PRS-ME-...:
Type JMEH-5/2-1/8-P-S

The valve is actuated by alternate application of voltage to the solenoid coils, and retains is actuated position, even after the signal is removed, until the countsignal is received.
The pilot exhaust air is ducted (82, 84), after removal of a seal from under the cover, the valve exhausts directly into atmosphere.

<table>
<thead>
<tr>
<th>Order code</th>
<th>Part N./Type with auxiliary pilot air</th>
<th>34 756 JMEH-5/2-1/8</th>
<th>30 620 JMEH-5/2-4.0</th>
<th>30 615 JMEH-5/2-1/8-P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>Compressed air, filtered (lubricated or un lubricated)*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design</td>
<td>Spool valve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>2 screws, M4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connection</td>
<td>G 1/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal size</td>
<td>4 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard nominal flow rate (1 → 2, 1 → 4)</td>
<td>500 l/min</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pressure range</td>
<td>1.5 to 8 bar; with auxiliary pilot air: -0.9 to 8 bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating pressure range</td>
<td>only S-types</td>
<td>1.5 to 8 bar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response time at 6 bar</td>
<td>10 ms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>+5 to 50 °C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium temperature</td>
<td>+5 to 50 °C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>Housing: Aluminium; seals: Perbunan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>0.230 kg</td>
<td>0.210 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating voltage</td>
<td>24 V DC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power consumption</td>
<td>1.5 W</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duty cycle</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP 65 (DIN 40050)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* For operation with lubricated compressed air, use only oils of viscosity class 32; Type MEH-...-S is suitable for vacuum operation.

Subject to change

2.508.2
Solenoid actuated valves
Mid-pneumatic, 5/2-way valves, indirectly actuated

Accessories:
Plug-in sockets and accessories, see sheets 2.594 to 2.598.

For valve with 4 mm nominal bore:
Sub-base
Order code 33 405 AS-ME-1/8
(see sheet 2.906)
Manifold sub-base
Type AW-ME-1/8
(see sheet 2.906)
for valves, type ...1/8-P:
In-line sub-base
Order code 32 797 AU-ME-1/8
(see sheet 2.906)
In-line valve manifold
Type PRS-ME-1/8-...
(see sheet 2.906.1)

1 (P) = Supply port
2, 4 (A, B) = Working or outlet lines
5, 3 (R, S) = Exhausts
84 = Pilot exhaust
12, 14 = Auxiliary pilot air

Solenoid can be turned by 180°
Manual override
Fits connector socket DIN 46247 or socket, type MSSD-E,
type KME-...
Additional auxiliary pilot air connection with Typ MEH-...
Manual overrides actuator

Subject to change