Danfoss Power Solutions (DPS) has more than 40 years of experience in market-leading solutions for many applications. Our product portfolio contains a large variety of products that enables the possibility to create unique sub-systems comprising of multiple DPS products.

It is possible to create a sub-system by combining a JS1-H joystick and a proportional valve group (PVG). Despite its ease of installation and simplicity of setup, this sub-system provides excellent controllability in various applications and a superb human to machine experience.

Features

- Operator Presence switch
- Multiple output options
- Simultaneous operation of two proportional rollers
- Hall effect with two sensors per axis or long-life potentiometer position sensing
- Modular PVG concept
- For all PVG types 16-32-100-128-256
- Flow 5-500 l/min [1.3-132 US gal/min]
- Works with both compensated and uncompensated basic modules

Comprehensive technical literature is online at www.danfoss.com

Relevant literature

- JS1-H Technical Information, BC17188648518
- PVG 32 Technical Information, BC152886483664
Power feedback line is needed to ensure same reference point JS1-H vs PVE. There could be a difference in voltage due to voltage drop in the line from the power supply.
### JS1-H pin description (DEUTSCH DTM 04 Connector)

<table>
<thead>
<tr>
<th>Pin 1</th>
<th>Pin 2</th>
<th>Pin 3</th>
<th>Pin 4</th>
<th>Pin 5</th>
<th>Pin 6</th>
<th>Pin 7</th>
<th>Pin 8</th>
<th>Pin 9</th>
<th>Pin 10</th>
<th>Pin 11</th>
<th>Pin 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground</td>
<td>Power</td>
<td>CAN High</td>
<td>CAN Low</td>
<td>CAN Shield</td>
<td>Proportion al Y</td>
<td>Proportion al X</td>
<td>Push 7</td>
<td>Push 8</td>
<td>Push 8</td>
<td>PVE Power</td>
<td>PVE power feedback</td>
</tr>
</tbody>
</table>

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