Our qualified team will support you in choosing the type of valve that fits your application.

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## VALVE SOLUTIONS FOR HYDROGEN APPLICATIONS

- Wide range of different materials to cover hydrogen standards
- Various types of connections available
- We are the experts for your needs – from standard valves to customized solutions

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Seat</th>
<th>Connection</th>
<th>Function</th>
<th>Pressure range</th>
<th>Medium</th>
<th>Temperature range</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>2/2-Way solenoid valve, piston design, direct acting</td>
<td>DN0.5-DN0.8</td>
<td>G¼\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>0-900 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-40 °C/+80 °C</td>
</tr>
<tr>
<td>55</td>
<td>2/2-Way solenoid valve, piston design, direct acting</td>
<td>DN1-DN6</td>
<td>G¼\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>0-450 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-40 °C/+80 °C</td>
</tr>
<tr>
<td>75HD</td>
<td>3/2-Way solenoid valve, piston design, direct acting</td>
<td>DN1-DN5</td>
<td>G¼\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>0-300 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-30 °C/+80 °C</td>
</tr>
<tr>
<td>2/529</td>
<td>2/2-Way solenoid valve, piston design, pilot operated</td>
<td>DN12-DN50</td>
<td>G¼-G2\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>1-450 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-40 °C/+80 °C</td>
</tr>
<tr>
<td>3/071</td>
<td>2/2-Way solenoid valve, piston design, pilot operated</td>
<td>DN8</td>
<td>G¼-G½\text{BSP or NPT}</td>
<td>NC</td>
<td>5-900 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-10 °C/+80 °C</td>
</tr>
<tr>
<td>8/100</td>
<td>2/2-Way valve, piston design, direct pressure operated</td>
<td>DN1-DN8</td>
<td>G¼-G½\text{BSP or NPT}</td>
<td>NC/NO/DW</td>
<td>0-1.200 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-40 °C/+80 °C</td>
</tr>
<tr>
<td>52</td>
<td>2/2-Way solenoid valve, piston design, direct acting</td>
<td>DN1-DN6</td>
<td>G¼-G½\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>0-90 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-10 °C/+80 °C</td>
</tr>
<tr>
<td>35</td>
<td>2/2-Way solenoid valve, piston design, force pilot operated</td>
<td>DN13.5-DN50</td>
<td>G¼-G2\text{BSP or NPT}</td>
<td>NC/NO</td>
<td>0-40 bar</td>
<td>Hydrogen and other neutral gases</td>
<td>-40 °C/+80 °C</td>
</tr>
</tbody>
</table>

GSR offers especially developed valve technology for hydrogen applications.
Our product range varies from low to high-pressure and from standard valve to customized solutions.

Over 45 years of experience in development, production and worldwide distribution of solenoid and pressure-operated valves makes GSR Ventiltechnik your partner for reliable valve technology.
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