> Port size: 
  DN 1,6; G1/8

> Shock and vibration tested to EN 61373, 
  Category 1, class B

> Voltage range 
  16 ... 32 V

Technical features

Medium: 
Air

Switching function: 
Normally closed

Operation: 
Directly solenoid actuated

Mounting: 
Optional, preferably solenoid 
vertical on top

Flow direction: 
Determined

Technical datas

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Orifice (mm)</th>
<th>Port size</th>
<th>Flow *2) (l/min)</th>
<th>Operating pressure (bar)</th>
<th>Weight (kg)</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,6</td>
<td>G1/8</td>
<td>G1/4</td>
<td>0 ... 10</td>
<td>0,22</td>
<td>8495237.9784.02400</td>
</tr>
</tbody>
</table>

*1) Noiseless exhaust

*2) Cv-value (US) = kv-value x 1.2
**Standard solenoid systems**

<table>
<thead>
<tr>
<th>Code Voltage</th>
<th>Code Frequency</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Power consumption Inrush</th>
<th>Power consumption Holding</th>
</tr>
</thead>
<tbody>
<tr>
<td>024</td>
<td>00</td>
<td>24 V d.c.</td>
<td>-</td>
<td>5 W</td>
<td>5 W</td>
</tr>
</tbody>
</table>

Further versions on request!

**Electrical details for all solenoid systems**

- **Design**: DIN VDE 0580
- **Voltage range**: 16 ... 32 V
- **Duty cycle**: 100% ED
- **Protection class**: EN 60529 IP65/IP00
- **Socket**: Form A acc. to DIN EN 175301-803 (included)

According to DIN VDE 0580 at a solenoid temperature of +20°C. At operating state temperature the input power of a coil decreases by up to ca. 30% due to physical reasons.

**Dimensions**

![Diagram of valve dimensions]

<table>
<thead>
<tr>
<th>Port size R</th>
<th>Orifice (mm)</th>
<th>H</th>
<th>H1</th>
<th>L</th>
<th>Typ</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1/8</td>
<td>4,5</td>
<td>87</td>
<td>77</td>
<td>68</td>
<td>8495237.9784.02400</td>
</tr>
</tbody>
</table>

**Note to Pressure Equipment Directive (PED):**

The valves of this series are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice well-known in the member countries. The CE-sign at the valve does not refer to the PED. Thus the declaration of conformity is not longer applicable for this directive.

**Note to Electromagnetic Compatibility Guideline (EMC):**

The valves shall be provided with an electrical circuit which ensures the limits of the harmonised standards EN 61000-6-3 and EN 61000-6-1 are observed, and hence the requirements of the Electromagnetic Compatibility Guideline 2014/30/EU satisfied.