**GENERAL FEATURES**

Pinch solenoid valve, suitable to shut off media without producing neither turbulent flows, nor dead spaces. High flow rate under the same conditions of internal diameter of different solenoid valves; the system allows a bi-directional through flow. The valves are suitable for soft SILICONE tubings or others, similar as to elasticity and hardness (50 shore A).

Solenoid valve can be mounted in any position.

**MATERIALS**

- **Body**: Anodized aluminum
- **Pinching device**: POM (reinforced acetal copolymer)
- **Internal components**: Stainless steel
- **Core tube**: Chemically nickel coated brass (Ni-P)

**COIL**

- **Continuous duty**: ED 100%
- **Encapsulation material**: PA (Polyamide) fiberglass reinforced
- **Insulation class**: F (155°C)
- **Ambient temperature**: -10°C to +60°C
- **DIN 46340 with micro plug connector**: DIN 46340 with micro plug connector
- **IP 65 (EN 60529)**: IP 65 (EN 60529) with micro plug connector
- **Volatges DC**: 12-24V (+10% -5%)
- **(Other voltages on request).**

**INSTALLATION**

- **Electric connection**: DIN 46340 with micro plug connector
- **Protection degree**: IP 65 (EN 60529) with micro plug connector
- **Voltages**: DC 12-24V (+10% -5%)
- **(Other voltages on request).**

**TUBINGS**

<table>
<thead>
<tr>
<th>I.D. (mm)</th>
<th>O.D. (mm)</th>
<th>Pinching strength (kg)</th>
<th>Series and type</th>
<th>Power absorption (W)</th>
<th>Notes</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0,76</td>
<td>1,65</td>
<td>0,4</td>
<td>S104-07</td>
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<tr>
<td>1,02</td>
<td>2,16</td>
<td>0,5</td>
<td>S104-08</td>
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<tr>
<td>1,57</td>
<td>3,18</td>
<td>0,7</td>
<td>S104-09</td>
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<td></td>
<td>0,5</td>
<td>S104-10</td>
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</tr>
</tbody>
</table>

**NOTE**

- If the soft tubings are different from the ones indicated, it's important that the tubing minimum wall thickness is the same as shown in the table.
- For the use of a soft tubing with outside diameter smaller than 2.2mm it is necessary to install the tubing guide sleeve (drawing K29501).
- In case the tubing is not placed in its seat, the solenoid valve could operate incorrectly.
- Model available only: ask for minimum quantity.

**THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATES ARE AVAILABLE ON REQUEST**