The key to success - unrivaled quality
We develop and produce electromagnetic (solenoid) valves

27 YEARS OLD ON MARKET
18 COUNTRIES PRESENCE
2 000 SATISFIED CLIENTS
WE USE:

- Brass
  - up to 80 bar
  - t° -150° / +150°

- Aluminum
  - up to 50 bar
  - t° -40° / +80°

- Steel V2A, V4A
  - up to 350 bar
  - t° -150° / +150°
LONG VALVE LIFE

more than 100 million circuits
SPECIFICATIONS

SUPPORTED PRESSURE

up to 350 bar
WORKING TEMPERATURE
-195° to +150°
MODULAR FOR ALL TYPES OF CONNECTIONS

FLARING

MALE THREAD WITH O-RING

INTERNAL THREAD

SOLDERING - WELDING BRANCH PIPES

SOLDERING FOR COPPER BRANCH PIPE

SOLID BODY
Our accessories are suitable for all types of connections

(Manual shut-off valve, check valve, shut-off valve, sight glass)
Works in any position

The most compact on the market

360°
Simple and easy to assemble

- High bandwidth
- Compact and silent
- Energy saving
- Our products are equipped with surge protection
STANDARD PROGRAM

Series VA

**Case Material:** Brass, Aluminum Alloy, V2A and V4A Steel  
**Enclosure Rating:** IP65  
**Seal Material:** PTFE  
**Internal details:** stainless steel  
**Life cycle:** min. 100 million cycles

<table>
<thead>
<tr>
<th>Connection Ø (mm)</th>
<th>Pressure (bar)</th>
<th>Throughput (kv)</th>
<th>Weight (kg)</th>
<th>Medium temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>from 0 to 50</td>
<td>0,3</td>
<td>0,20</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>10</td>
<td>from 0 to 50</td>
<td>0,4</td>
<td>0,24</td>
<td>-40° to +150°</td>
</tr>
</tbody>
</table>
Series VB

**Case Material:** Brass, Aluminum Alloy, V2A and V4A Steel  
**Enclosure Rating:** IP65  
**Seal Material:** PTFE  
**Internal details:** stainless steel  
**Life cycle:** min. 100 million cycles

<table>
<thead>
<tr>
<th>Connection Ø (mm)</th>
<th>Pressure (bar)</th>
<th>Throughput (kv)</th>
<th>Weight (kg)</th>
<th>Medium temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>from 0,05 to 50</td>
<td>0,3</td>
<td>0,3</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>10</td>
<td>from 0,05 to 50</td>
<td>0,9</td>
<td>0,32</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>12</td>
<td>from 0,05 to 50</td>
<td>1,9</td>
<td>0,34</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>16</td>
<td>from 0,05 to 50</td>
<td>2,4</td>
<td>0,36</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>22</td>
<td>from 0,05 to 50</td>
<td>2,8</td>
<td>0,41</td>
<td>-40° to +150°</td>
</tr>
</tbody>
</table>
STANDARD PROGRAM

Series VC

Case Material: Brass, Aluminum Alloy, V2A and V4A Steel
Enclosure Rating: IP65
Seal Material: PTFE
Internal details: stainless steel
Life cycle: min. 100 million cycles

<table>
<thead>
<tr>
<th>Connection Ø (mm)</th>
<th>Pressure (bar)</th>
<th>Throughput (kv)</th>
<th>Weight (kg)</th>
<th>Medium temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>from 0,1 to 50</td>
<td>4,5</td>
<td>0,65</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>22</td>
<td>from 0,1 to 50</td>
<td>5,5</td>
<td>0,7</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>28</td>
<td>from 0,1 to 50</td>
<td>6,5</td>
<td>0,75</td>
<td>-40° to +150°</td>
</tr>
</tbody>
</table>
Series VD

**Case Material:** Brass, Aluminum Alloy, V2A and V4A Steel  
**Enclosure Rating:** IP65  
**Seal Material:** PTFE  
**Internal details:** stainless steel  
**Life cycle:** min. 100 million cycles

<table>
<thead>
<tr>
<th>Connection Ø (mm)</th>
<th>Pressure (bar)</th>
<th>Throughput (kv)</th>
<th>Weight (kg)</th>
<th>Medium temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>from 0,2 to 50</td>
<td>12</td>
<td>0,95</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>35</td>
<td>from 0,2 to 50</td>
<td>13</td>
<td>1,1</td>
<td>-40° to +150°</td>
</tr>
<tr>
<td>42</td>
<td>from 0,2 to 50</td>
<td>14</td>
<td>1,25</td>
<td>-40° to +150°</td>
</tr>
</tbody>
</table>
We change markets

In 2019 created:

- Micro valve designed for high pressure (from 0 to 80 bar)
- Manual shut-off and throttle valve
- Valve at high pressure (0 to 350 bar)
- Valve for CO2
- Clocked valve instead of expansion valve
High pressure valve with back pressure relief

Specifications:
Material: steel
Pressure: 0-350 bar
Temperature: -195° to +150°
Coil Power: 6 W
Kit Weight: 155 g
Dimensions: height 7 cm / length 5 cm / width 3 cm

Benefits:
• collapsible
• compact
• accurate
• universal
• durable
• silent

Designed to perform tasks in high pressure environments.
Manual shut-off and throttle valve

Specifications:
- Material: Brass, Steel
- Pressure: 0-350 bar
- Temperature: -150° to + 150°
- At all kinds of series A, B, C, D

Modes of operation:
- Input pressure can be connected from both sides
- Close, open and any opening
- Actuation mechanism without height change

Benefits:
- collapsible
- compact
- silent
- durable
Clocked valve

**Specifications:**
- Material: Brass
- Pressure: 0–50 bar
- Temperature: -100° to +150°
- Mediums: liquids, gases, aggressive, non-aggressive
- Dimensions: height 0.2 cm / length 0.15 cm / width 0.19 cm

**Benefits:**
- collapsible
- compact
- accurate
- universal
- durable
- silent

Replaces conventional expansion valve (thermostatic expansion valve). It has the same same construction as the solenoid valve, but has a lot of resources.

Valve operation is based on the principle of pulsating modulation. Refers to automatic installation controls.
Micro valve

Specifications:
- Material: Brass, Steel
- Pressure: 0–80 bar
- Temperature: -150° to +150°
- Coil Power: 2 W
- Wednesday: any
- Kit Weight: 90 g
- Kit includes: valve, housing, magnet, plug

Benefits:
- collapsible
- compact
- silent
- universal
- durable
Reinforced valve

Specifications:
Material: Brass, Steel
Pressure: 0-350 bar
Temperature: -195° to +150°
Kit - Weight: 300g
Dimensions: height 0.32 cm / length 0.17 cm / width 0.30 cm

Benefits:
• collapsible
• compact
• accurate
• universal
• durable

Designed to perform tasks in low temperature and contaminated environments, different from the standard with a more powerful coil.
NEW QUALITY STANDARD

Compact
The smallest valve on the market

Durable
100 million circuits

Silent
Almost noiseless switching

Universal
Designed for all installation environments and methods

Plain
Easy installation, and interchangeability

Economical
Low energy consumption
2.5 to 10 W
PARTNERS WHO TRUSTED US