

## SOLENOID VALVES

### VALVARIO VAS 1-3

Compact modular valve designed to adapt to the installation.

Modular single safety shut-off valve which can be bolted into a mono-block assembly.

#### Features

- Modular design allows for the gas train to be designed as necessary
- Integrated flow control limits flow rate from 100%-20%
- Upstream and downstream ports are located on both sides of the valve
- Optional Proof of Closure/Visual Position Indicator to meet necessary code requirements
- Optional dampening device to meet requirements for slow opening valves
- Wide array of modular accessories

#### Specifications

- Inlet pressure: 7psi (500mbar), CSA: 5psi (350mbar)
- Fuels: natural gas, LPG (gaseous), bio methane (<0.1% H<sub>2</sub>S), air
- Non-operation inlet pressure: 10psi (700mbar)
- Input power: 24V DC, 100, 120, 200, 230V AC
- Ambient temperature: -4°F to 140°F (-20°C to 60°C).
- Enclosure: IP 65
- Cycle rate: >10,000,000

#### Applications

Industrial and Commercial Process and Heating applications: Boilers, air make-up, furnaces, kilns, ovens, and oxidizers.

#### Approvals

- SIL, PL
- CE
- UL
- CSA
- FM
- EAC
- AGA - Australia

#### Type code

<b>VAS</b>	Solenoid valve for gas
<b>1-3</b>	Sizes
<b>10-65</b>	Inlet and outlet flange nominal size
<b>R</b>	Rp internal thread
<b>F</b>	Flange to ISO 7005
<b>05</b>	p <sub>u</sub> max. 500 mbar
<b>/N</b>	Quick opening, quick closing
<b>/L</b>	Slow opening, quick closing
<b>W</b>	Mains voltage 230 VAC, 50/60 Hz
<b>Q</b>	Mains voltage 120 VAC, 50/60 Hz
<b>K</b>	Mains voltage 24 V DC
<b>A</b>	Mains voltage 120-230 VAC, 50/60 Hz
<b>S</b>	With POC/CPS and visual position indicator
<b>G</b>	With POC/CPS for 24 V and visual position indicator
<b>R</b>	Viewing side: right
<b>L</b>	Viewing side: left



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## VALVARIO VAS, VCS 6-9

Dual seat valve offering high flow rates in a compact form factor.

A single or dual safety shut-off valve(s) in a single flanged body.

### Features

- Integrated flow control limits flow rate from 100%-20%
- Upstream and downstream ports are located on both sides of the valve
- Optional proof of closure/visual position indicator to meet necessary code requirements
- Optional dampening device to meet requirements for slow opening valves
- Wide array of modular accessories

### Specifications

- Inlet pressure: 7psi (500mbar), CSA: 5psi (350mbar)
- Fuels: natural gas, LPG (gaseous), bio methane (<0.1% H<sub>2</sub>S), air
- Non-operation inlet pressure: 10psi (700mbar)
- Input power: 24V DC, 120, 230V AC
- Ambient temperature: -4°F to 140°F (-20°C to 60°C).
- Enclosure: IP 65
- Cycle rate: >5,000,000

### Applications

Industrial and Commercial Process and Heating applications: Boilers, air make-up, furnaces, kilns, ovens, and oxidizers.

### Approvals

- SIL, PL
- CE
- UL
- CSA
- FM
- EAC
- AGA - Australia

### Type code

<b>VAS</b>	Solenoid valve for gas
<b>6-9</b>	Sizes
<b>65-125</b>	Inlet and outlet flange nominal size
<b>R</b>	Rp internal thread
<b>F</b>	Flange to ISO 7005
<b>05</b>	p <sub>u</sub> max. 500 mbar
<b>/N</b>	Quick opening, quick closing
<b>/L</b>	Slow opening, quick closing
<b>W</b>	Mains voltage 230 V AC, 50/60 Hz
<b>Q</b>	Mains voltage 120 V AC, 50/60 Hz
<b>K</b>	Mains voltage 24 V DC
<b>A</b>	Mains voltage 120-230 V AC, 50/60 Hz
<b>S</b>	With POC/CPS and visual position indicator
<b>G</b>	With POC/CPS for 24 V and visual position indicator
<b>R</b>	Viewing side: right
<b>L</b>	Viewing side: left
<b>3</b>	Electrical connection via cable gland
<b>B</b>	Basic
<b>E</b>	Prepared for adapter plates

### Accessory, right, inlet

<b>/P</b>	screw plug
<b>/M</b>	pressure test point
<b>/1</b>	pressure switch DG 17/VC
<b>/2</b>	pressure switch DG 40/VC
<b>/3</b>	pressure switch DG 110/VC
<b>/4</b>	pressure switch DG 300/VC

### Accessory, right, outlet

<b>P</b>	screw plug
<b>M</b>	pressure test point
<b>1</b>	pressure switch DG 17/VC
<b>2</b>	pressure switch DG 40/VC
<b>3</b>	pressure switch DG 110/VC
<b>4</b>	pressure switch DG 300/VC

The same accessories can be selected for the left- or right-hand side.



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