

# VP2V S4-PPH

**Pneumatic actuated ball valves 2-way**



**INSTRUCTIONS MANUAL**

**BAMO MESURES**

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL

Tél : (+33) 01 30 25 83 20 - Web : [www.bamo.fr](http://www.bamo.fr)

Fax : (+33) 01 34 10 16 05 - E-mail : [info@bamo.fr](mailto:info@bamo.fr)

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ball valves 2-way  
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913 M1 04 B

**PLAS**

**913-04/1**

## DESCRIPTION

Pneumatic actuators are designed for controlling quarter turn plastic valves. For any other purpose, please report to us before start up; we may not be responsible of troubles due to other applications.

### 1. Fitting on the pipe line

#### 1.1. Precautions

Before fitting the valve, it is necessary to verify the chemical compatibility between all the elements (fluid vs. body, seals, seating joints).

#### 1.2. Assembly

Respect common precautions for the assembly of all elements together.  
All parts should correspond in dimensions, pressure & temperature limits.

### 2. Pneumatic actuators connection

#### 2.1. Precautions

Fitting, connections, initial start-up and maintenance operations must be done by trained technicians.  
All European and local rules for pneumatic devices and systems must be respected.

#### 2.2. Connecting the actuator

A pilot valve certified for our actuators would be preferable to any other devices:

- Pilot valve: 3/2-way solenoid valve (single effect)
- Pilot valve: 5/2-way solenoid valve (double effect)

Compressed air supply through G 1/4" connection: acc. NAMUR specifications.  
Control pressure: 6 bar as a minimum, 8 bar as a maximum

### 3. Assistance with manual operating

- Exhaust the compressed air before to intent a manual operating
- Turn on the spindle with an appropriate tool.



### 4. Technical features

#### Valve materials

Body:	PPH
Seals:	EPDM or FPM
Ball:	PPH
Ball seating joints:	PTFE
Process connections:	Unions (solvent sockets)
Pressure:	5 bar (ND 80...100), 6 bar (ND 65), 10 bar (DN 10...50), as maxima

<b>Pneumatic actuator</b>	Single (NO or NC) or double acting
Control pressure:	6 bar as a minimum, 8 bar as a maximum
Connections:	1/4" G
According to:	NAMUR VDI/VE 3845 et ISO 5211

