The Power of the PFC for Medical Applications

MAC Valves Proportional Flow Control

THE PRECISION OF THE STEPPER MOTOR TECHNOLOGY

- High precision
- Accurate response times
- Low hysteresis

THE POWER OF THE LBV & BULLET VALVE®

- High repeatability
- Accurate response times
- High flow flexibility
- Wide range of gases & liquids
- Low leak performance

HIGH PRECISION PROPORTIONAL FLOW CONTROL

BENEFITS OF THE MAC PROPORTIONAL FLOW CONTROL (PFC) IN LIQUID DISPENSING ALREADY USED IN THE INDUSTRY

- ✓ Customized calibration available with optional driver circuit
- ✓ Very high flexibility in manifold footprint
- ✓ Food grade modification on request
- ✓ Small size for a better integration
- ✓ Drop-in solution

MAC Valves - Highly engineered solutions for the highest performing applications since 1948

MAC Valves Inc, Wixom, Michigan - MAC Valves Inc, Dundee, Michigan
MAC Valves Europe Inc, Liège, Belgium - MAC Valves Asia Inc, Taiwan

To find your local distributor, visit www.macvalves.com

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MAC Valves Proportional Flow Control

*TECHNICAL DATA**

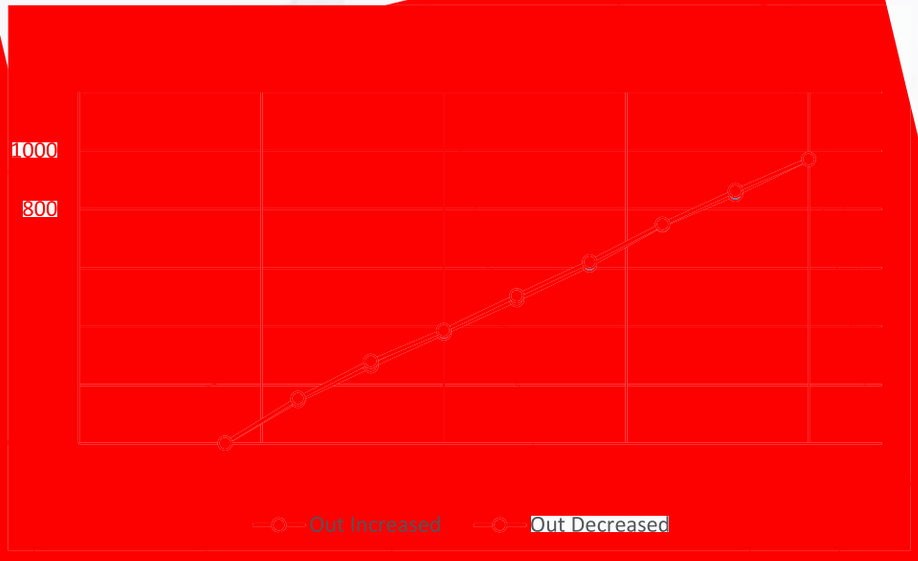
	Proportional Flow Control
Function:	2-way
Type:	Cartridge style - Balanced design
Command:	4 to 20 mA - 0 to 10 VDC (with optional driver circuit)
Manifold mounting:	Very flexible cartridge style
Media:	Liquids / fluids D-Flex™ (MAC patented diaphragm technology)

**Tested as per the conditions described in the MAC Valves standard test procedures, assembly instructions and modification. The values mentioned are valid exclusively for a new valve tested at ambient temperature (20° C).*

Stepper motor quickly and precisely controls fluid flow through the Bullet Valve® maintaining application requirements.

MAC PROPORTIONAL FLOW CONTROL - LINEARITY

The very low hysteresis cycle of the MAC PFC guarantees a constant flow through the PFC for opening or closing signal.



	ml/min at 2 Bar	
Signal	Out incr.	Out decr.
4	0	0
6	146.4	153.4
8	264.6	280.2
10	377	385.4
12	490.8	504.2
14	609.8	620.4
16	746.4	748
18	851.2	863.2
20	971.8	

Note : Above values result from trials and are for illustration purposes only - Flow and calibration can be adapted to customer requirements.

3500 factory certified specialists in over 45 countries focused on optimizing customers needs

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