

PA magneticValves: PA - Micro Media Valve



Purpose

Flow rate control valve for micro size steel shot media (less than 100 microns) for peening and blasting.

Model

PA - MMV magneticValve: Range 0.3-3 kg/min (0.66-6.6 lb)

Features

- $\pm 10\%$ accuracy on set point
- Power off: valve closed
- Suitable for suction blast application
- No moving parts for low-maintenance operation
- Meets AMS 2432 Rev E specifications
- Digital signal: no data transmission lost
- Less cable: Only one (1) cable per valve
- 24V DC
- Anti-leakage protection (if disconnected to FlowMaster)
- Includes a 1 meter plug and cable (option 0.5, 5 and 10m)
- CE compliant

3rd. Generation Technology



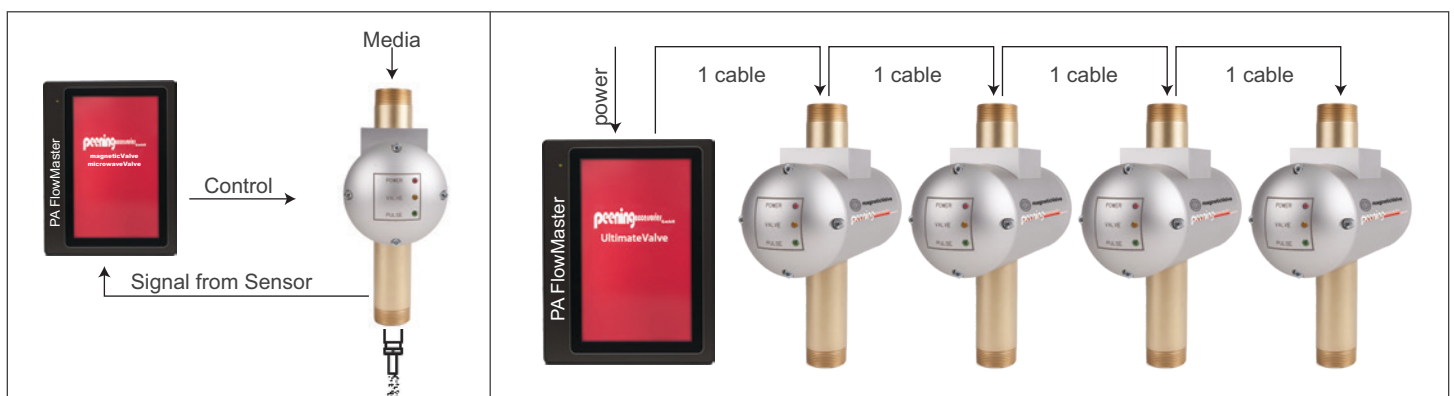
Easy retrofitting!

Description

The unit is a precision control valve that regulates media in suction peening and blasting machines. The valve has a built-in flow sensor that is able to provide real time flow feedback to the shot flow processor.

When connected to the PA FlowMaster, the configuration of the PA Micro Media Valve can be retrieved and manipulated by the users for their desired applications. The equipment can be operated in manual mode allows users to control the valve with constant flow rate. The Closed Loop Control can be integrated in the end-user system.

The PA magneticValve complies with AMS 2432 Rev E and other technical requirements. It only needs a 24V DC power supply to operate. The valve has no moving parts, which ensures a low maintenance operation.



Closed loop system using PA FlowMaster (sold separately) and PA magneticValve

Easy plug & play system with a minimum of cables. Valves connect in serial order.



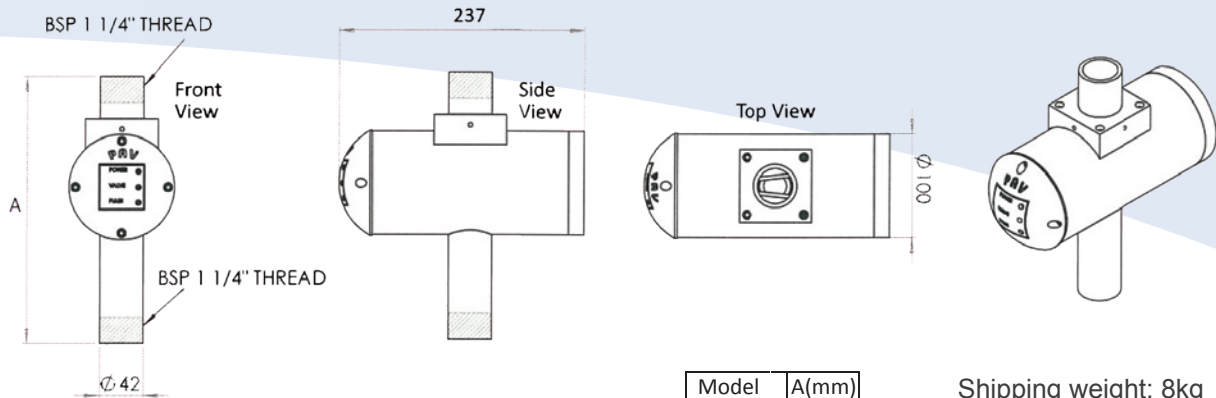
Contact the official distributor at:
Peening Accessories GmbH
Frohbergstr. 38, 8620 Wetzikon Switzerland

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info@peening.ch

Specifications

Power	24 Vdc @ 2A (50 VA)
Media	Ferrous micro size media
Close Loop Control	External PID
Accuracy	±10% set point, ±5% full scale
Temperature range	5° – 48 ° C (40 ° – 110 ° F)
Analog input	0 – 10 Vdc
Valve ON signal supply	24 Vdc
Flow sensor output	0 – 10 Vdc



Model	A(mm)
PA-MMV	200

Shipping weight: 8kg
Dimensions: 300 x 400 x 300mm

Price

PA-MMV magnetic Valve (FlowMaster sold separately)	Ref. No. 822 208	Price on request
Recalibration for 1 valve	Ref. No. 822 900-R	Price on request

PA FlowMaster (sold separately)

	Power	24 Vdc @ 0.5 A
	Analog input	0 – 10 Vdc
	Flow recording	0 – 10 Vdc
	output Flow enable	24 Vdc @ 10 mA
	output Temperature	32 – 122 ° F (0 – 50 ° C)
	range Dimensions	188mm (W) x 143mm (H) x 90mm (D) 7"
	Display touchscreen	Flow rate display: Up to 4 valves!
	Functions	<p>Substantial cost savings if more than one valve is in use.</p> <p>Standard configuration 6 languages: English, Spanish, French, German Chinese Simplified, Japanese. Other languages on request.</p> <p>Up to 64 peening data recipes Configuration Alarm system</p>