MERLiN

Pressure Regulating and Backpressure Sustaining Valves with an Integrated Pneumatic Pressure Controller

WARREN CONTROLS

MERLIN: FEATURES

MERLIN

PROVIDING YOU THE NEXT STEP IN PNEUMATIC CONTROL!

BENEFITS

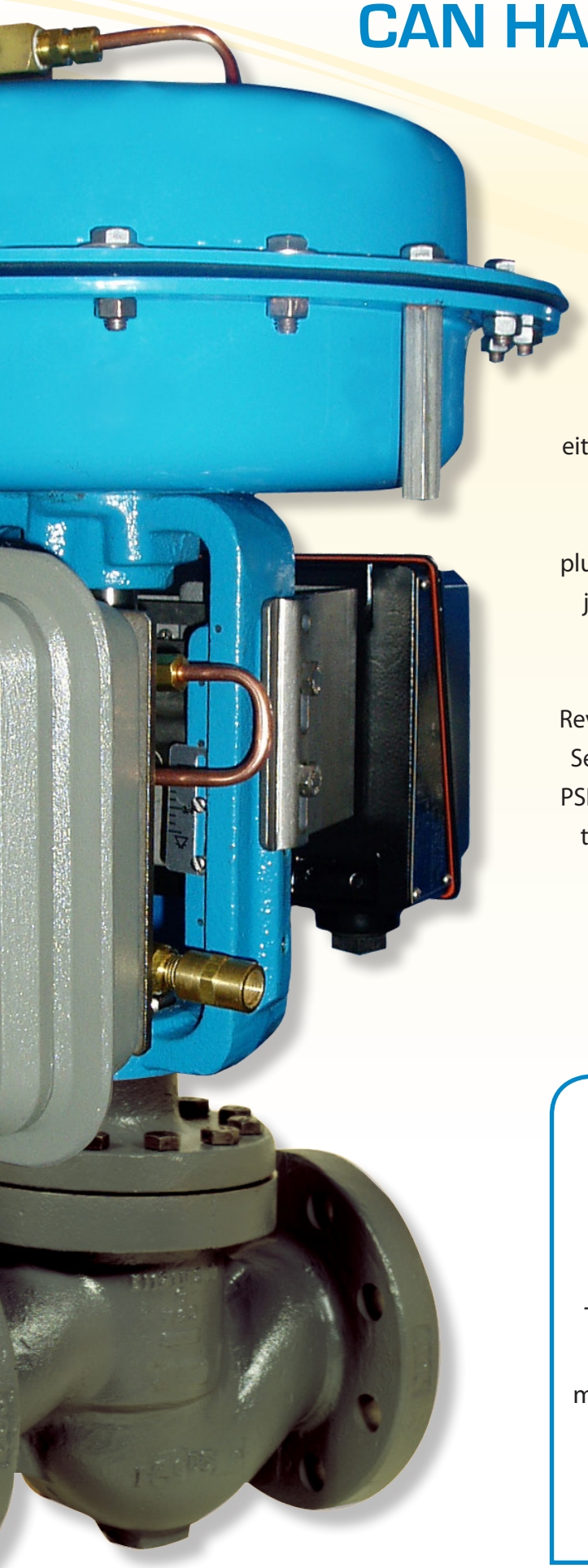
Warren Controls processes this as an
'Ala Carte' configuration and therefore this is accommodated through a PO with the following items:

- Better Performance than Pilot Operated Valves…
- Wider Rangeability in allowable flows – Very Low Droop!
- Wider Range of applications and body styles…
- Comparable to other Proportional- only 'wizard-style' valves.....

Don't be fooled by the **SIMPLICITY** or the **LOW COST** of the Merlin. This Pneumatic Control device has been **PROVEN RUGGED**. Used by the Military since 1975; it has passed Navy Shock & Vibe testing. Suitable for a **WIDE RANGE** of fluids and just about any harsh environment.

- With valid part number from the industrial product spec
- A Line item for the 8351 controller with valid part number from that spec
- A line item for the mounting of the two items which includes one AFR.
- A verbal description of the process conditions and application for order notes and record keeping

CAN HAVE ANY FAILURE MODE!



Optimal for pressure reduction or back pressure regulating.

Create a Merlin, its simple!

Use any Warren Controls Industrial Globe Control Valve that uses either an 84" or 115" diaphragm actuator on it and we can assemble and mount our 8351 Pneumatic pressure controller to these actuators. The sensing line of the pneumatic controller then is plumbed in the system at the job site to a pressure tap in the piping just upstream or downstream of the valve depending on whether this is to provide pressure regulation or back pressure sustaining.

Review the 8351 Literature for configuration options and selections. Several Pressure ranges are available from a MIN. set pressure of 15 PSI to a MAX set pressure of 300 PSI. For a pressure reduction, install the sensing location downstream of the valve. For a back pressure sustaining valve, install the sensing line upstream of the valve.

PRICING

There is a factory preset price for the mounting and set up of this controller to one of our control valves. All configurations must include a factory mounted Air Filter Regulator dedicated for the 8351.

These configurations can be done with or without a positioner. Obviously units configured with a positioner will offer better more precise and responsive control. When using positioner the positioner requires it own air filter regulator. Therefore when using a positioner the assembly has two dedicated Air filter regulators mounted and plumbed.

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DEPENDABLE, RUGGED, PRECISION CONTROL VALVES AND ACCESSORIES