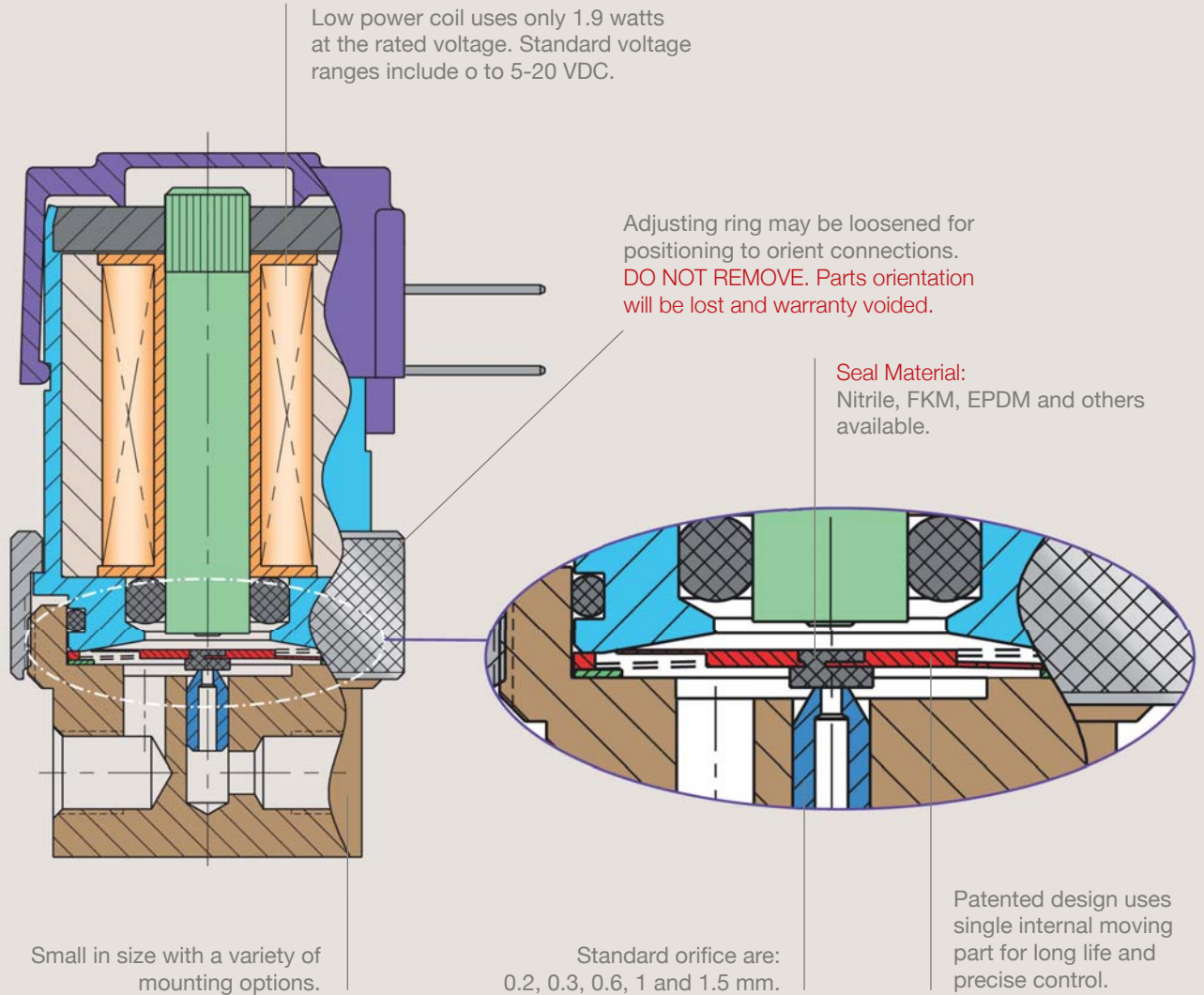


34 Electronic Valves – EVP Series Proportional Control Valves



The EVP series Proportional Control Valves combine the features of the existing EV series valve - long life, low power, and Clippard's reputation for high quality components with the additional capability for proportional control. The EVP series valve provides air or gas flow control, and varies the output flow based on the current input to the solenoid. The consistent gain (see chart) of this valve provides a high degree of control for many applications. Controllability and overall value are the main features of the EVP Proportional Valve series. The valve may be controlled using DC current, open or closed-loop control, and even PWM (pulse width modulation) to cover a broad range of applications.

Features:

- Flow proportional to input current
- Fast response
- Long life
- Small package
- Single moving part - low friction and wear
- Five orifice sizes
- Three connection styles
- Two mounting types

Designed for:

- Analytical Instruments
- Automotive
- Gas Chromatography
- Blood pressure monitoring
- Gas Controllers
- Respirators / Ventilators
- Precise pressure control
- Mass Flow Control and many more...
- Patient Simulators