Emerson ASCO™ customized proportional valves help flow controller company penetrate new markets

RESULTS
• Offered customizable proportional valves with a wide range of flow and pressure options
• Increased OEM products’ corrosion resistance
• Helped customer penetrate new markets

APPLICATION
Thermal mass flow controllers and meters

CHALLENGE
A manufacturer of flow and pressure controllers for industrial and laboratory applications developed new products with increasingly higher flow rates, increased pressure capabilities, and greater corrosion resistance. These instruments incorporated proportional valves to control the flow of air, nitrogen, argon, and ozone gases. The company was searching for a new valve supplier that could offer special constructions and advanced capabilities that would allow the penetration of new markets.

SOLUTION
The flow controller manufacturer chose Emerson for its ability to offer a wide range of proportional valve constructions. The ASCO Preciflow Series 202 proportional valve can be designed with customer-specified materials plus offers the industry’s widest range of pressure and flow options. Its compact frictionless architecture saves valuable space in analytical and industrial instrumentation. Emerson customized the Preciflow valves to meet the customer’s need for increased corrosion resistance. This capability has helped the company enter the oil and gas, semiconductor, and aerospace testing markets.

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