

## SPECIFICATIONS — 3-WAY EXPLOSION PROOF VALVES

### OPERATING CONDITIONS

**Media:** Air, water, and other fluids, compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require special seal materials - Consult representative or factory.

**Valve Temperature Range:** 0°F (-18°C) to a maximum of 221°F (105°C) including coil heat rise, ambient and media temperatures. Other temperature ranges available on request—along with specific application parameter information specified.

**Maximum Operating Pressure Differentials:** See Catalog Listings

**Burst Pressure:** 5000 PSI

**Leakage:** Bubble tight for standard valves

**Vacuum:** To 5 Microns - Consult factory

### ELECTRICAL CHARACTERISTICS

Coil Voltage: 5 to 825 VAC 50-60 HZ - 1.8 to 265V DC

**Nominal Power:**

	<u>Wattage</u>
	<u>A.C. 7.3 Watts</u>
	<u>D.C. 9.5 Watts</u>

**Coil Construction:** Molded coil and third wire ground (standard)

**Typical Response Time on Air:** 4-16 Milliseconds

### MECHANICAL CHARACTERISTICS

**Body:** Stainless steel

**Orifice Diameter:** See catalog listings

**Porting:** See catalog listings

**Housing:** ½" NPT conduit

**Listings:** Valves are U.L. Listed and CSA Certified for Hazardous Locations—Class I, Div 1, Group C and D - Class II, Div 1, Groups E, F, and G; Div 2 Groups A,B,C,D,E,F, AND G.

### OPTIONS AVAILABLE — 3-WAY EXPLOSION PROOF

FOR ILLUSTRATED OPTIONS SEE PAGES 47-51

<p><b>HOUSING OPTIONS</b> – see page 47</p> <p><b>MOUNTING BRACKET</b> All Models</p> <p><b>COIL OPTIONS</b> – see page 48</p> <p><b>MOLDED COIL</b> Standard</p> <p><b>POTTED COIL &amp; HOUSING</b> All models</p> <p><b>HIGH TEMPERATURE MOLDED COIL</b> All Models</p> <p><b>BODY OPTIONS</b> – see page 49</p> <p><b>METERING TO ¼" ORIFICE</b> All Models</p> <p><b>METERING TO ¼" ORIFICE</b> Models E23</p> <p><b>METERED BYPASS</b> Models E23, E25, E26</p>	<p><b>MANUAL OVERRIDE</b> All Models*</p> <p><b>METERED EXHAUST PORT</b> Model E23, E25, E26</p> <p><b>PORT OPTIONS</b> – see page 50</p> <p><b>BOTTOM ORIFICE PORT</b> All Models</p> <p><b>BOTTOM CAVITY PORT</b> Models E23**, E24, E25, E26</p> <p><b>PORT 90° LEFT</b> All Models</p> <p><b>MANIFOLD MOUNT</b> Models E23**, E24, E25, E26</p> <p><b>FLANGE MOUNT</b> Models E23**, E24, E25, E26</p> <p><b>PORT 90° RIGHT</b> All Models</p>	<p><b>MISCELLANEOUS</b> Options – see page 51</p> <p><b>SILVER SHADING RING</b> All Models</p> <p><b>ALUMINUM SHADING RING</b> All Models</p> <p><b>BUILT IN MUFFLER</b> All Models</p> <p><b>Note:</b> Availability of certain options or combination of options may vary with quantity of units ordered – consult representative or factory.</p> <p>* Not available over 250 psi</p> <p>** Not available in ¼" orifice</p>
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