

SOLENOID VALVES . . .

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: 1/2" 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>HOUSING OPTIONS – see page 47</p> <p>MOUNTING BRACKET All Models</p> <p>COIL OPTIONS – see page 48</p> <p>MOLDED COIL Standard</p> <p>POTTED COIL & HOUSING All models</p> <p>HIGH TEMPERATURE MOLDED COIL All Models</p> <p>BODY OPTIONS – see page 49</p> <p>METERING TO 1/8" ORIFICE All Models</p> <p>METERING TO 1/4" ORIFICE Models E23</p> <p>METERED BYPASS Models E23, E25, E26</p>	<p>MANUAL OVERRIDE All Models*</p> <p>METERED EXHAUST PORT Model E23, E25, E26</p> <p>PORT OPTIONS – see page 50</p> <p>BOTTOM ORIFICE PORT All Models</p> <p>BOTTOM CAVITY PORT Models E23**, E24, E25, E26</p> <p>PORT 90° LEFT All Models</p> <p>MANIFOLD MOUNT Models E23**, E24, E25, E26</p> <p>FLANGE MOUNT Models E23**, E24, E25, E26</p> <p>PORT 90° RIGHT All Models</p>	<p>MISCELLANEOUS Options – see page 51</p> <p>SILVER SHADING RING All Models</p> <p>ALUMINUM SHADING RING All Models</p> <p>BUILT IN MUFFLER All Models</p> <p>Note: 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 1/4" orifice</p>
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