

SERIES 40 PLASTIC VALVES (3.3 WATTS AC AND 5 WATTS DC)

APPLICATION:

General purpose valves are engineered for competitive cost and reliable service in humidifiers, pneumatic actuation systems, beverage dispensers and other equipment.

SPECIFICATIONS—

OPERATING CONDITIONS

Media: The valves may be used with air, inert gas and liquid media.

Valve Temperature Range: Standard Valves - 0°F (-18°C) to 104°F (40°C) ambient; 0°F (-18°C) to 150°F (60°C) media. Optional Valves - can tolerate much higher or much lower ambient and media temperatures. Consult factory for specifications.

Maximum Operating Pressure Differentials: See catalog listings

Burst Pressure: 1000 PSI

Leakage: Bubble tight for standard valves

Vacuum: To 5 Microns - Consult factory

ELECTRICAL CHARACTERISTICS

Coil Voltage: 24 to 277 VAC 50-60 HZ.—6 to 120 VDC. All standard voltages (U.S. & Export) carried in stock. Special voltages readily produced on order.

Nominal Power:

	<u>D.C. VALVES</u>	<u>A.C. VALVES</u>
	5 Watts	3.3 watts

Coil Construction: Standard, Molded with 24" leads.

Typical Response Time on Air: 4-16 Milliseconds

Operating Speed: Up to 600 CPM

Duty Cycle: Continuous or Intermittent

MECHANICAL CHARACTERISTICS

Material: All interior parts are stainless steel and, acetal and PET.

Orifice Diameter: See catalog listings

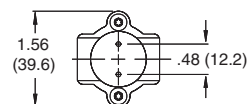
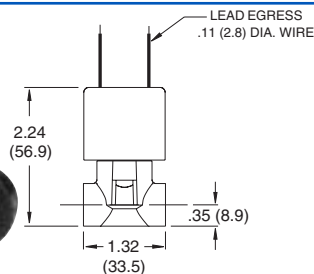
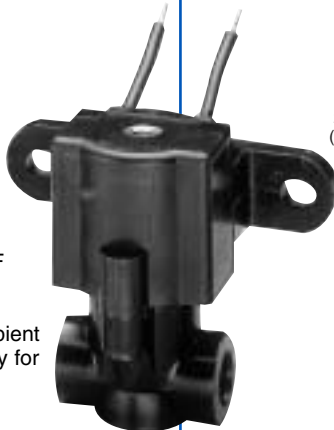
Porting: 1/8 NPT

Life expectancy: Millions of cycles, depending on application, lubrication, etc.

Valve Weight: Only .27 (14 1/2 oz.) lbs average

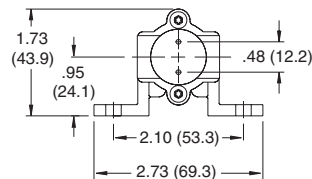
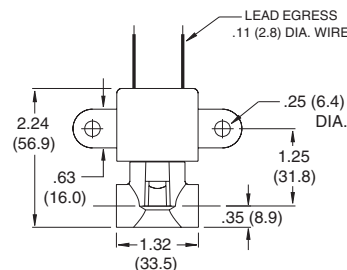
Repair Packs: Consult Factory

FOR FLOW CHARTS SEE PAGES 95-97



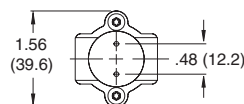
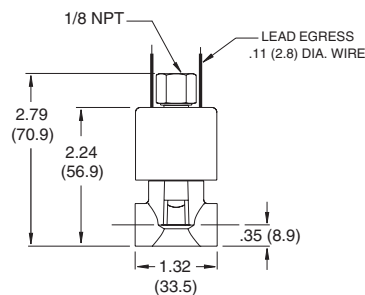
BOTTOM MOUNTING HOLES
.072 (1.83) DIA. X .19 (4.8) DEEP
(#2 PLASTITE SCREWS)

2-Way and 3-Way Normally Closed Exhaust to Atmosphere



BOTTOM MOUNTING HOLES
.072 (1.83) DIA. X .19 (4.8) DEEP
(#2 PLASTITE SCREWS)

With Bracket



BOTTOM MOUNTING HOLES
.072 (1.83) DIA. X .19 (4.8) DEEP
(#2 PLASTITE SCREWS)

3-Way Normally Closed Piped Exhaust

