

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Peter Paul 76PP9ZCV* at our website: *Click HERE*



Series 70 >> Model 76

3-Way Multi-Purpose Valve

Super valves that have ratings that formerly required valves of much greater size. Air, water, and other fluids compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require special seal materials.

- ***Largest direct acting (non-piloted) valve we manufacture.***
- ***Large orifice.***
- ***High flow.***
- ***Will operate effectively at very low pressures or vacuum.***

OPERATING CONDITIONS

Media: Air, water, and other fluids compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require special seal materials. (Series 70 pressure ratings may change due to the viscosity of the liquid.)*

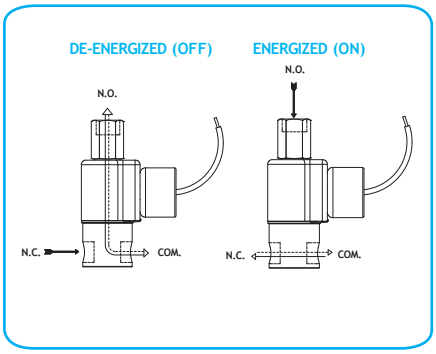
Valve Temperature Range: Standard Valves - 0°F (-18°C) to 104°F (40°C) ambient; 0°F (-18°C) to 150°F (65°C) media. Optional Valves - can tolerate much higher or much lower ambient and media temperatures.*

Maximum Operating Pressure Differentials: See table on proceeding page.

Burst Pressure: 4000 PSI

Leakage: Bubble tight for standard valves.

Vacuum: To 5 Microns*



ELECTRICAL CHARACTERISTICS

Coil Voltage: 12 to 1150V AC 60 HZ. and 11 to 1035V AC 50 HZ. — 2.5 to 220V DC

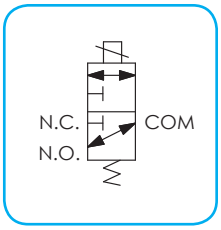
Nominal Power: AC — 18.0 Watts DC — 16.0 Watts

Coil Construction: Non-molded Class A (Std.), Molded and Potted Class F or Class H (Opt.)

Typical Response Time on Air: 4 - 16 Milliseconds

Operating Speed: Up to 600 CPM

Duty Cycle: Continuous



MECHANICAL CHARACTERISTICS

Body: Stainless Steel (Std.) or Brass (Opt.)

Internal Components: Stainless Steel

Elastomers: Nitrile (Buna) (Std.). Many other elastomers available.*

Orifice Diameter: See table on proceeding page.

Porting: Standard 1/4" NPT (other ports available).*

Housing: Grommet and 1/2" NPT conduit - many options available.*

Listings: Most valves are UL and CSA listed.*

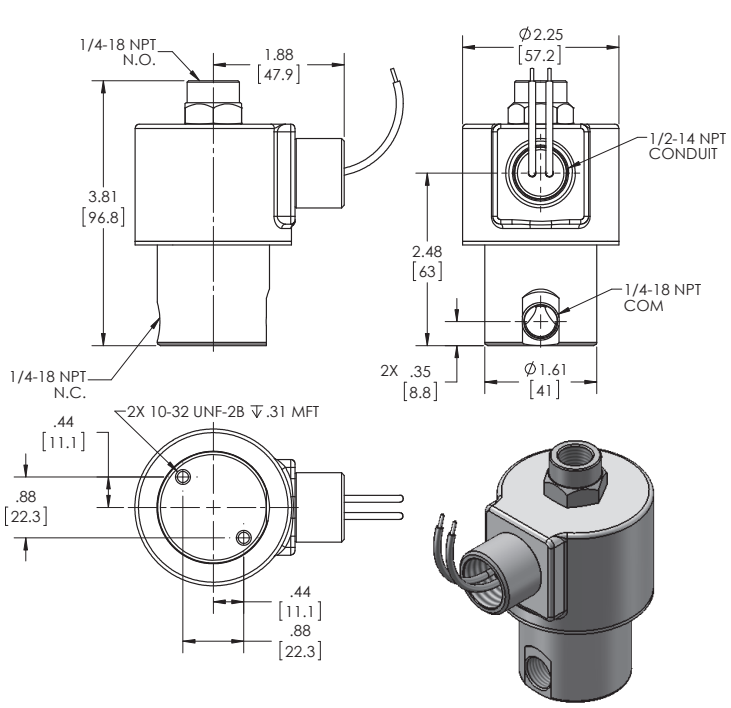
Life Expectancy: Millions of cycles, depending on application, lubrication, etc.

Valve Weight: Grommet Valve: 2.00 lb Conduit Valve: 2.06 lb

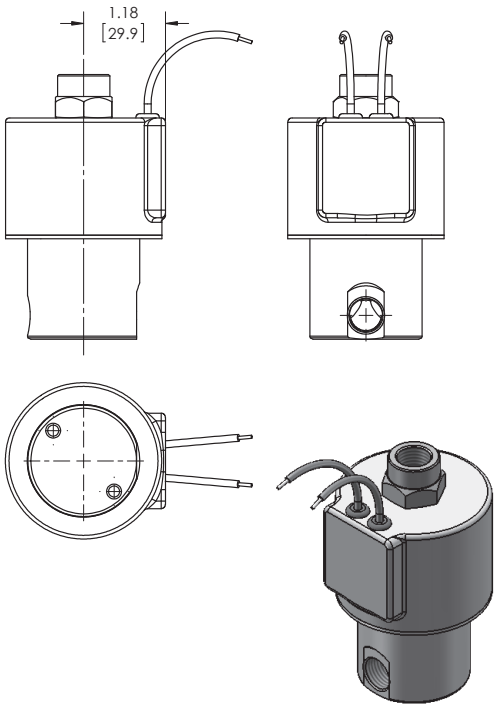
Repair Packs: See table on proceeding page.

Options: Alternate Port Locations, Metering and Alternate Elastomers

** Consult representative or factory for options and specifications.*



SERIES 70
MODEL 76 1/4-18 NPT
3-WAY MULTI-PURPOSE
CONDUIT CONNECTION



SERIES 70
MODEL 76 1/4-18 NPT
3-WAY MULTI-PURPOSE
GROMMET HOUSING WITH LEADS

VALVE SPECIFICATIONS

MAX. OPER. PRESS. DIFF.		ORIFICE SIZE		CV FACTOR		VALVE NUMBER	
						GROMMET HOUSING	CONDUIT HOUSING
AC	DC	N.C.	N.O.	N.C.	N.O.	1/8 NPT PORTS	1/8 NPT PORTS
225	225	1/16	1/16	.09	.09	76JJ9ZGV	76JJ9ZCV
150	150	3/32	3/32	.22	.22	76KK9ZGV	76KK9ZCV
100	100	1/8	1/8	.35	.35	76NN9ZGV	76NN9ZCV
75	75	5/32	5/32	.45	.45	76OO9ZGV	76OO9ZCV
60	60	3/16	3/16	.50	.50	76PP9ZGV	76PP9ZCV

WHEN ORDERING VALVES OR REPAIR PACKS ADD VOLTAGE AND FREQUENCY TO COMPLETE VALVE NUMBER. EXAMPLES: VALVE (76KK9ZGV-120/60) REPAIR PACK (K76KKX-AC).

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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