

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Peter Paul 51J8XGB* at our website: *Click HERE*



Note: This valve also available as an operator. Refer to following page.

Series 50 >> Model 51

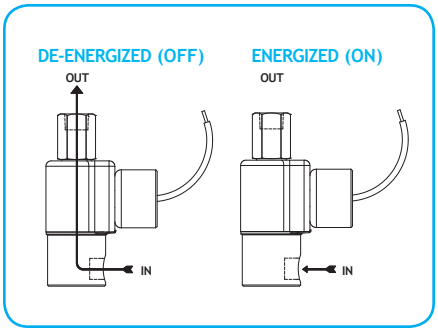
2-Way Normally Open Valve

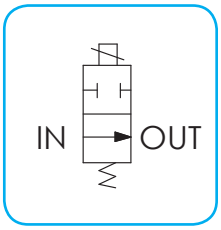
Our original mini — engineered for space economy without sacrificing performance. Typical applications include medical, analytical instrumentation. Air, water, and other fluids compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require special seal materials.

- ***Tough with options to use in hazardous location environments or low watt applications.***
- ***High quality engineering.***

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 50 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: 5000 PSI
Leakage: Bubble tight for standard valves.
Vacuum: To 5 Microns*





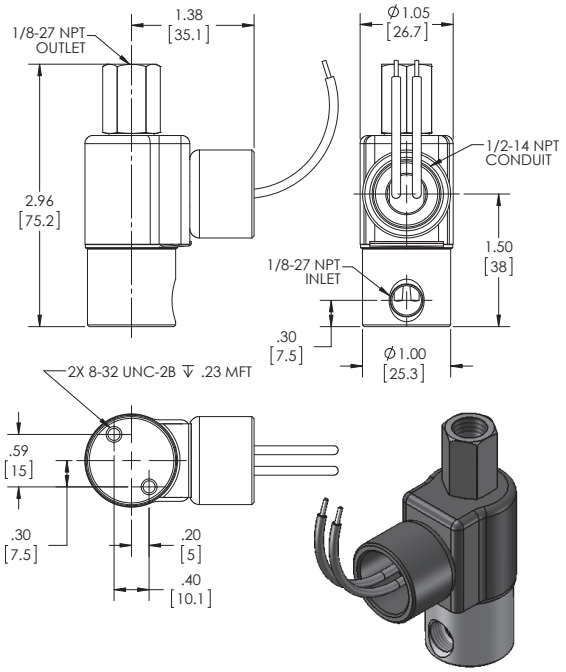
ELECTRICAL CHARACTERISTICS

Coil Voltage: 6.0 to 575V AC 60 HZ. and 5.4 to 515V AC 50 HZ. — 3.0 to 300V DC
Nominal Power: AC — 6.0 Watts, DC — 7.0 Watts
Coil Construction: Molded and potted Class F. (Class H optional)
Typical Response Time on Air: 4 – 16 Milliseconds
Operating Speed: Up to 600 CPM
Duty Cycle: Continuous

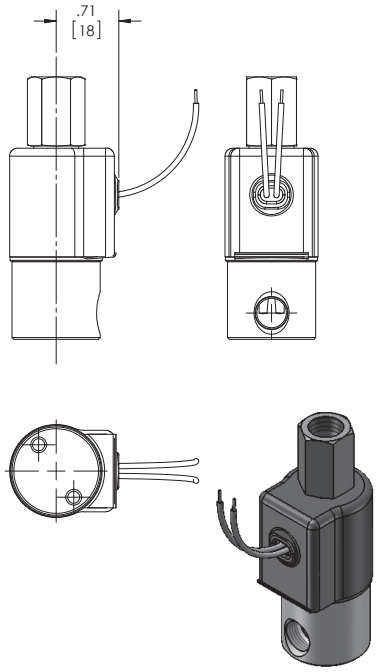
MECHANICAL CHARACTERISTICS

Body: Stainless Steel (Std.), Brass (Opt.) or Aluminum (Opt.)
Internal Components: Stainless Steel
Elastomers: Nitrile (Buna) (Std.). Many other elastomers available.*
Orifice Diameter: See table on proceeding page.
Porting: Standard 1/8" 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: 0.38 lb Conduit Valve: 0.44 lb
Repair Packs: See table on proceeding page.
Options: Alternate Port Locations, Metering, Alternate Elastomers, Low Wattage, Spade Terminal Coil and Explosion Proof

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



SERIES 50
MODEL 51
2WNO
CONDUIT CONNECTION



SERIES 50
MODEL 51
2WNO
GROMMET HOUSING WITH LEADS

VALVE SPECIFICATIONS

MAX. OPER. PRESS. DIFF.		ORIFICE SIZE	CV FACTOR	VALVE NUMBER	
				GROMMET HOUSING	CONDUIT HOUSING
AC	DC	N.O.	N.O.	1/8 NPT PORTS	1/8 NPT PORTS
400	200	1/32	.020	51G8XGM	51G8XCM
200	100	3/64	.048	51H8XGM	51H8XCM
125	60	1/16	.075	51J8XGM	51J8XCM
40	40	3/32	.150	51K8XGM	51K8XCM

ORDERING INFORMATION:

WHEN ORDERING VALVES OR REPAIR PACKS ADD VOLTAGE AND FREQUENCY TO COMPLETE VALVE NUMBER. EXAMPLES: VALVE (51J8XGM 120/60) REPAIR PACK (K51JDX AC)

WHEN ORDERING OPERATORS ADD THE LETTER "O" TO THE FRONT OF THE VALVE NUMBER, REPLACE BODY PORT NUMBER WITH THE LETTER "D": EXAMPLE: OPERATOR (O51J8DGM 120/60)

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

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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