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 52N8DGB* at our website: *Click HERE*



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

Series 50 >> Model 52

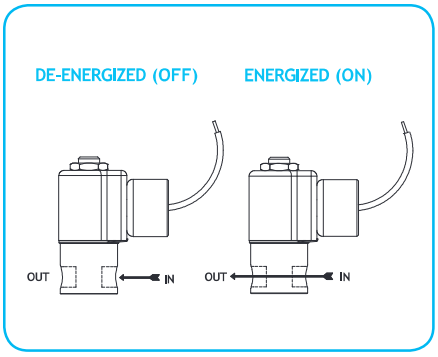
2-Way Normally Closed Valve

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.***

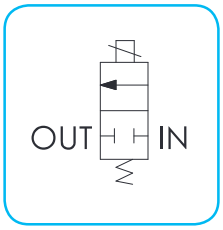
OPERATING CONDITIONS

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 next page.
Burst Pressure: 5,000 PSI
Leakage: Bubble tight for standard valves.
Vacuum: To 5 Microns*



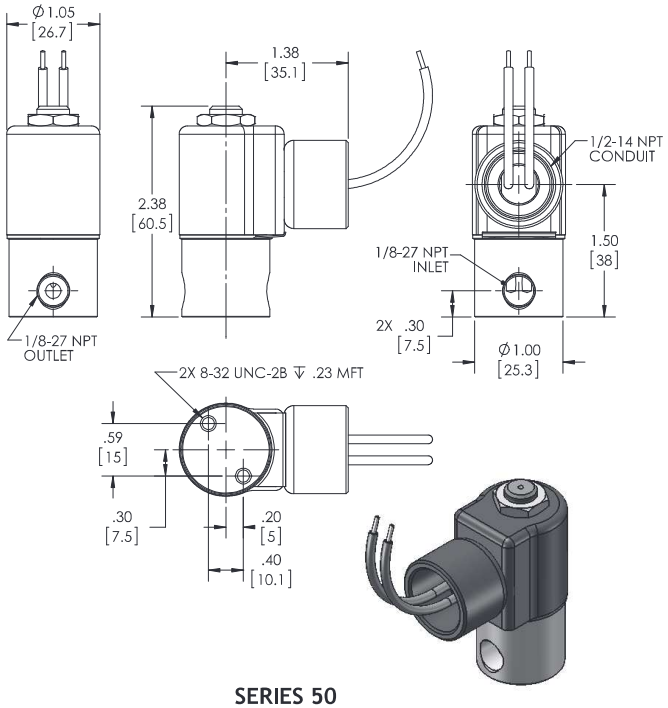
ELECTRICAL CHARACTERISTICS

Coil Voltage: 120/60, 110/50, 240/60, 220/50, 24/60VAC, and 6, 12, 24, 48, 125VDC.
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

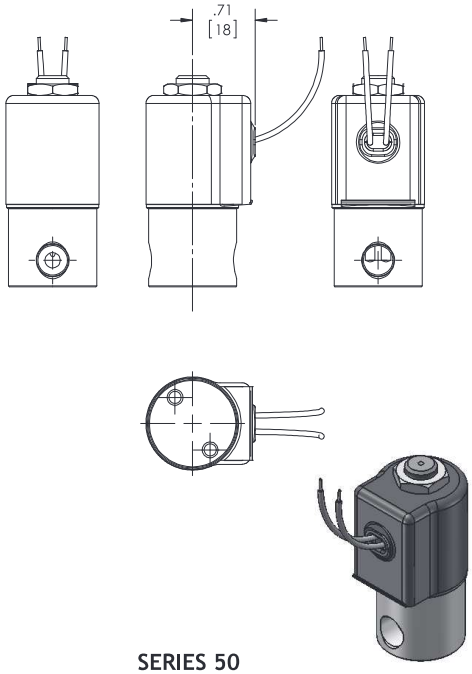


MECHANICAL CHARACTERISTICS

Body: Stainless Steel (Std.), Brass (Opt.) or Aluminum (Opt.)
Internal Components: Stainless Steel. Copper – AC Only.
Elastomers: Nitrile (Buna) (Std.). Many other elastomers available.*
Orifice Diameter: See table on next 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 next 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 52
2WNC
CONDUIT CONNECTION



SERIES 50
MODEL 52
2WNC
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.C.	1/8 NPT PORTS	1/8 NPT PORTS
500 (1000)*	250 (1000)*	1/32	.022	52G8DGM	52G8DCM
400 (700)*	150 (450)	3/64	.055	52H8DGM	52H8DCM
200 (470)	100 (325)	1/16	.075	52J8DGM	52J8DCM
150 (270)	75 (210)	5/64	.134	52V8DGM	52V8DCM
100 (260)	45(175)	3/32	.156	52K8DGM	52K8DCM
75 (135)	25 (100)	1/8	.230	52N8DGM	52N8DCM
40 50)	10 (20)	5/32	.292	52O8DGM	52O8DCM

* FKM seals not recommended for pressure ratings above 500 PSI.

ORDERING INFORMATION:

WHEN ORDERING VALVES OR REPAIR PACKS ADD VOLTAGE AND FREQUENCY TO COMPLETE VALVE NUMBER. EXAMPLES: VALVE (52J8DGM 120/60) REPAIR PACK (K52JDD 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 (O52J8DGM 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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