

The Little Black Box that meets the design and application challenges of modern industry

- SMALL
- LIGHTWEIGHT
- ECONOMICAL
- OPERATING PRESSURES FROM VACUUM TO 500 PSI
- QUALITY DESIGN AND CONSTRUCTION

Series 15 is U.L. and CSA Component listed for A.C. only.

This Series 15 valve group is available as 2-Way Normally Open, 2-Way Normally Closed, and a variety of 3-Way functional combinations to meet your application requirements.

The valves may be used with air, inert gas and liquid media at pressures from vacuum to 500 psi — depending upon orifice size and configuration.

Interior parts are stainless steel and anodized aluminum. All external magnetic components are encased in epoxy for durability and reliability.

For those who require extra heat resistance and media compatibility FKM and other elastomers are available.

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. Consult factory for specifics.

Standard valve porting is 1/8 NPT.

Nominal Power:

8.5 Watts AC

7.0 Watts AC (2 Way Normally Closed)

10.5 Watts DC

The entire coil and magnetic structure are epoxy encapsulated and rated for continuous duty.

The “Male Export Style DIN Connector”, 24" Lead Wire and Conduit configurations are standard.

For your convenience we have the female DIN style mating connector No. 50-17029 available.

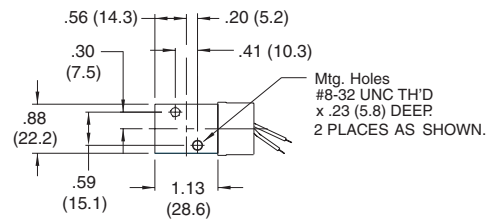
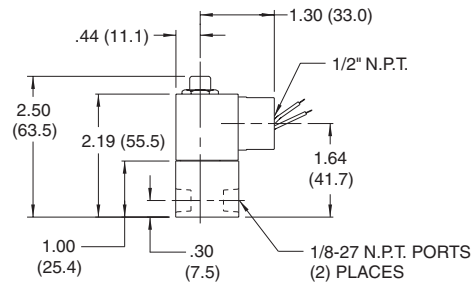
Include voltage and frequency requirements at the end of the valve number for ordering purposes. (Example: 152G2DEM-120V/60HZ)

Valves weigh 4¼ oz. to 4¾ oz. (.27lb. to .30lb.) - depending upon particular model and trim.

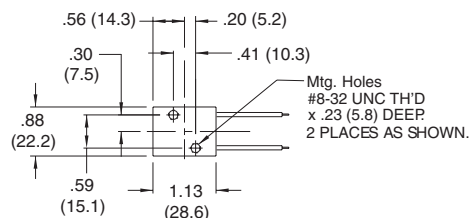
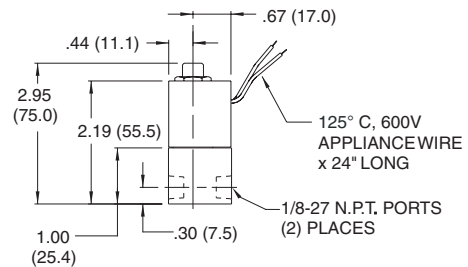
Repair Packs—available, consult factory

Stackable Valves, brass and stainless steel round bodies available, consult factory.

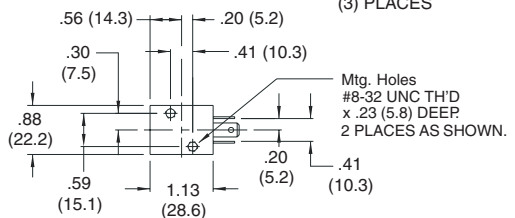
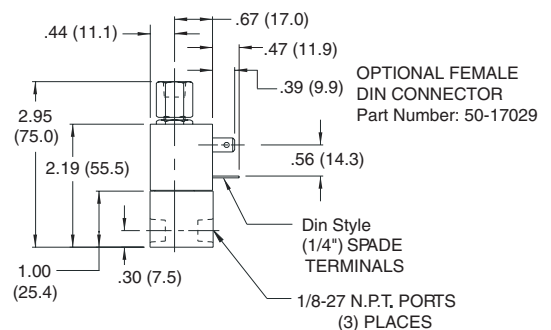
FOR FLOW CHARTS SEE PAGES 95-97



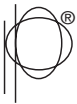
2-WAY NORMALLY CLOSED CONDUIT CONNECTION



2-WAY NORMALLY CLOSED WITH LEADS



3-WAY NORMALLY CLOSED WITH DIN STYLE COIL



MODEL TYPE	FLOW CONFIGURATION	MAX. OPER. PRESS DIFF.		ORIFICE SIZE		CV FACTOR		LEAD WIRE UNIT	EXPORT STYLE CONNECTOR UNIT	CONDUIT HOUSING	
		AC	DC	INLET	EXH.	INLET	EXH.				
MODEL 151 2-Way Normally Open **	DE-ENERGIZED 	ENERGIZED 	400	400		1/32		.020	151G2XGM	151G2XEM	151G2XCM
			200	200		3/64		.048	151H2XGM	151H2XEM	151H2XCM
			125	125		1/16		.075	151J2XGM	151J2XEM ✓	151J2XCM
			40	40		3/32		.130	151K2XGM	151K2XEM	151K2XCM
MODEL 152 2-Way Normally Closed	DE-ENERGIZED 	ENERGIZED 	500	500	1/32		.022		152G2DGM	152G2DEM	152G2DCM
			400	400	3/64		.055		152H2DGM	152H2DEM	152H2DCM
			200	200	1/16		.075		152J2DGM ✓	152J2DEM	152J2DCM
			150	100	3/32		.130		152K2DGM	152K2DEM	152K2DCM
MODEL 153 3-Way Normally Closed Closed ATMOSPHERE EXHAUST	DE-ENERGIZED 	ENERGIZED 	200	200	1/32	1/32	.022	.020	153GG2DGM	153GG2DEM	153GG2DCM
			150	150	3/64	3/64	.055	.048	153HH2DGM	153HH2DEM	153HH2DCM
			150	150	3/64	1/16	.055	.075	153HJ2DGM	153HJ2DEM	153HJ2DCM
			100	100	1/16	1/16	.075	.075	153JJ2DGM ✓	153JJ2DEM	153JJ2DCM
			60	60	3/32	1/16	.130	.075	153KJ2DGM	153KJ2DEM	153KJ2DCM
			50	50	3/32	3/32	.130	.130	153KK2DGM	153KK2DEM	153KK2DCM
MODEL 153 3-Way Normally Closed Closed WITH PIPED EXHAUST **	DE-ENERGIZED 	ENERGIZED 	200	200	1/32	1/32	.022	.020	153GG2XGM	153GG2XEM	153GG2XCM
			150	150	3/64	3/64	.055	.048	153HH2XGM	153HH2XEM	153HH2XCM
			150	150	3/64	1/16	.055	.075	153HJ2XGM	153HJ2XEM	153HJ2XCM
			100	100	1/16	1/16	.075	.075	153JJ2XGM ✓	153JJ2XEM	153JJ2XCM
			60	60	3/32	1/16	.130	.075	153KJ2XGM	153KJ2XEM	153KJ2XCM
			50	50	3/32	3/32	.130	.130	153KK2XGM	153KK2XEM	153KK2XCM
MODEL 154 3-Way Normally Open **	DE-ENERGIZED 	ENERGIZED 	150	150	1/32	1/32	.020	.022	154GG2XGM	154GG2XEM	154GG2XCM
			125	125	3/64	3/64	.048	.055	154HH2XGM	154HH2XEM	154HH2XCM
			100	100	1/16	1/16	.075	.075	154JJ2XGM	154JJ2XEM	154JJ2XCM
			75	75	1/16	3/32	.075	.130	154JK2XGM	154JK2XEM	154JK2XCM
			50	50	3/32	3/32	.130	.130	154KK2XGM	154KK2XEM	154KK2XCM
MODEL 155 3-Way Directional Control **	DE-ENERGIZED 	ENERGIZED 	300	200	1/32*	1/32	.022*	.020	155GG2XGM	155GG2XEM	155GG2XCM
			200	150	3/64*	3/64	.055*	.048	155HH2XGM	155HH2XEM	155HH2XCM
			100	75	1/16*	1/16	.075*	.075	155JJ2XGM	155JJ2XEM	155JJ2XCM
			75	40	3/32*	1/16	.130*	.075	155KJ2XGM	155KJ2XEM	155KJ2XCM
			75	40	3/32*	3/32	.130*	.130	155KK2XGM	155KK2XEM	155KK2XCM
MODEL 156 3-Way Multi-purpose **	DE-ENERGIZED 	ENERGIZED 	125	125	1/32*	1/32	.022*	.020	156GG2XGM	156GG2XEM	156GG2XCM
			100	100	3/64*	3/64	.055*	.048	156HH2XGM	156HH2XEM	156HH2XCM
			65	50	1/16*	1/16	.075*	.075	156JJ2XGM	156JJ2XEM ✓	156JJ2XCM
			25	25	3/32*	3/32	.130*	.130	156KK2XGM	156KK2XEM	156KK2XCM

* Normally closed orifice.

** Pressure rating may change due to the viscosity of the liquid - consult factory for de-rating.

NOTE: The above checked (✓) Valves are most popular based on sales and likely to be in Distributor stock.