

PULSAFEEDER®

Solenoid Valves for automated bleed-off are normally closed, 2-way, diaphragm, and internally piloted valves.

These Solenoid Valves feature brass bodies and a temperature range of 14^o to 194^o (10^o to 89.7^oC). Valves are NEMA 4 electrical connection rated and come with 8 Watt solenoid valve coil and a cable grip connector. They are designed for neutral media such as compressed air and cooling water.

Solenoid Valves are available with assisted lift on the 1/2" and 3/4" models.

Operating Benefits

- NEMA 4 protection.



Features

- Epoxy-Encapsulated, UL Listed Coil
- Conduit Connection Plugs Into Coil
- Pilot Hole In Brass, Not Diaphragm

Aftermarket

- Metering Pumps
- Cooling Tower Controllers
- Boiler Controllers
- Pre-Engineered Systems



 NEMA 4

**Solenoid Valves
For Automated Bleed-Off**

Solenoid Valves – For Automated Bleed-Off

Specifications and Model Selection

Part Number	Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Operating Pressure Differential (psi)									Max Fluid Temp, F		Watt Rating			
				Max AC @ 131 F			Max DC @ 104 F			Max DC @ 131 F			AC	DC	Watts	DC Watts	VA Holding	VA Inrush
				Air Inert Gas	Water	Oil @ 330 SSU	Air Inert Gas	Water	Oil @ 330 SSU	Air Inert Gas	Water	Oil @ 330 SSU						
12-072-62	1/4	5/32	210	210	200	145	65	63	63	55	54	54	180	180	10.1	11.6	25	50

Part Number	Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Operating Pressure Differential (psi)									Max Fluid Temp, F		Watt Rating			
				Max AC			Max DC			AC	DC	Watts	DC Watts	VA Holding	VA Inrush			
				Air Inert Gas	Water	Light Oil @ 330 SSU	Air Inert Gas	Water	Light Oil @ 330 SSU									
12-072-53	1/2	5/8	4	0	150	150		40	40		180	150	10.1	11.6	25	70		
12-072-54	3/4	3/4	5	0	150	150		40	40		180	150	10.1	11.6	25	70		
12-072-55	1	1	13	0	150	125	125				100		16.1		35	180		
12-072-56	1	1	13	5	150	150	100	125	125	125	180	150	6.1	11.6	16	40		
12-072-57	1 1/2	1 1/4	22.5	0	150	125	125				180		16.1		35	180		
12-072-58	1 1/2	1 1/4	22.5	5	150	150	100	125	125	125	180	150	6.1	11.6	16	40		
12-072-59	2	1 3/4	43	5	150	125	90	50	50	50	180	150	6.1	11.6	16	40		

Part Number	Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Operating Pressure				Max Fluid Temp, F				Watt Rating				
				Max AC		Max DC		AC		DC		Watts	DC Watts	VA Holding	VA Inrush	
				Min	Steam	Hot Water	Steam	Hot Water	Steam	Hot Water	Steam					Hot Water
12-072-60	1/2	3/8	2.5	1	125				353				6.1		16	40
12-072-61	3/4	1/2	4.6	2	125				353				10.1		25	50

Engineering Data

Solenoid Valve

Body:	Brass
Seals & Discs:	NBR or PTFE
Disc Holder:	PA
Core Tube:	305 Stainless Steel
Core & Plugnut:	430F Stainless Steel
Springs:	302 Stainless Steel
Shading Coil:	Copper
Electrical Connection:	DIN (NEMA 4)
Voltage:	110-120 VAC/ 50-60Hz

12-072-60 & 12-072-61

Seals, Discs & Diaphragms:	TFE/P, EDPM and /or PTFE
Piston:	Brass or PTFE
Electrical Connection:	DIN (NEMA 4)
Voltage:	110-120 VAC/ 50-60Hz

Custom Engineered Designs – Pre-Engineered Systems



Pre-Engineered Systems

Pulsafeeder's Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.



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