

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<sup>0</sup> to 194<sup>0</sup> (10<sup>0</sup> to 89.7<sup>0</sup>C). 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



**Solenoid Valves  
For Automated Bleed-Off**

# Solenoid Valves – For Automated Bleed-Off

## Specifications and Model Selection

### Solenoid Valves - 2 Way, Internally Piloted, Normally Closed

MODEL:	PIPE SIZE	ORIFICE SIZE	FLOW FACTOR (CV)	PRESSURE DIFFERENTIAL - PSI (BAR)	OPERATING PRESSURE - PSI (BAR)	MINIMUM PRESSURE - PSI (BAR)	MAXIMUM PRESSURE - (AC/DC) PSI (BAR)	SEALING MATERIAL	WITH ASSISTED LIFT
12-060-85	1/2"	5/8"	2.8	0	0-200 (13.79)	0	200/35 (13.8/2.4)	NBR & PA	YES
12-060-86	3/4"	5/8"	2.8	0	0-200 (13.79)	0	200/35 (13.8/2.4)	NBR & PA	YES
12-060-80	1/2"	5/8"	2.8	1.5 (.10)	0-200 (13.79)	0	200/35 (13.8/2.4)	NBR & PA	YES
12-060-81	3/4"	5/8"	2.8	1.5 (.10)	0-200 (13.79)	0	200/35 (13.8/2.4)	NBR & PA	YES
12-060-82	1"	1"	14	3 (.207)	0-230 (0-15.86)	2 (.138)	230/230 (15.9/15.9)	NBR	NO
12-060-83	1 1/2"	1 1/2"	36	3 (.207)	0-230 (0-15.86)	2 (.138)	150/150 (10.3/10.3)	NBR	NO
12-060-84	2"	2"	53	3 (.207)	0-230 (0-15.86)	2 (.138)	150/150 (10.3/10.3)	NBR	NO

NBR = Nitrile Rubber

PA = Polyamide

## Engineering Data

**Solenoid Valve**

**Body:**

Brass

**Armature Tube:**

Stainless Steel 300

**Fixed Core:**

Stainless Steel 400

**Plunger:**

Stainless Steel 400

**Spring:**

Stainless Steel 300

**Shading Ring:**

Copper

**Orifice:**

Brass

**Electrical Connection Rating:**

NEMA 4

**Coil**

**Watts:**

8

**Material:**

Black Polyester

**Temperature:**

312°F

**Inrush VA:**

25

**Holding VA:**

14

**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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