

ALL-FLO Pump Company

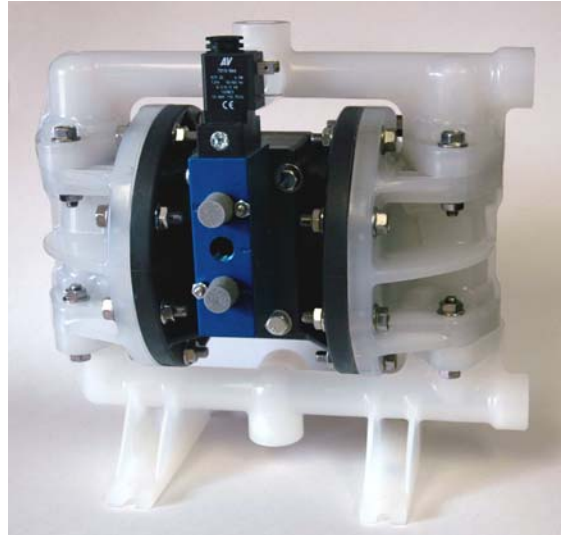
Solenoid Control for Air-Operated Double Diaphragm Pumps

What is Solenoid Control used for?

The solenoid control valve is used for remote, electrical control of an All-Flo air-operated double diaphragm pump via a PC, PLC, relay or switch. With use of the solenoid, the pump can be operated from any work station that is networked with the solenoid.

How does Solenoid Control work?

The solenoid control valve replaces the air valve assembly of a standard pump. The solenoid is mounted onto the intermediate with an adapter plate. A 1/4" air control valve pilots the solenoid. When energized, air is delivered to one side of the pump while simultaneously exhausting the other side. The reverse occurs when the solenoid is de-energized by delivering air to the side of the pump previously being exhausted.



What configurations are available?

The following configurations are available as a standard.*

Connection: NEMA 4x with DIN 43650

Coil Voltage: • 110/50, 120/60 • 22/50, 24/60, 12VDC • 220/50, 240/60, 125VDC • 24VDC

What applications require Solenoid Control?

A solenoid controlled pump is ideal for applications where the pump is an integral component of a process. The control signal is a solution to 'on demand' fluid transfer requirements or the pump can be used to monitor a flow rate. Dispensing of chemicals, inks, paint pigments and adhesive are just a few of literally thousands of applications.

What if I already have the pump?

The solenoid control can be ordered in two ways: assembled on an All-Flo pump or separately for use on an All-Flo pump.

To Order...

To order a pump with the solenoid control valve assembled on the pump, add -A 43-XX, with the voltage requirement replacing the XX, to the desired pump model.

To order the solenoid control valve separately, use part number 42020-XX with the voltage requirement replacing the XX.

*Contact All-Flo for pricing and custom configurations.

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