

Clippard



Clippard High Pressure Proportional Pressure Controls

Cincinnati, Ohio -- Known for reliability, innovation and focus on miniature pneumatics, Clippard's new Cordis HP500 pressure controls utilize the proven EV line of electronic valves allowing for steady, repeatable downstream pressure under static conditions. The result, a precise linear pressure control within a closed-loop system.

The Cordis uses a microcontroller, integrated pressure sensor, and two Clippard EV electronic valves. The inlet valve is connected to the moderately regulated supply pressure and the exhaust valve is connected to a port that vents excess pressure to atmosphere. Once a command is increased, the inlet valve opens up to allow supply pressure to pass over the sensor element which provides an active feedback for the microcontroller to satisfy the set point in the process. If at any point the sensor detects a value higher than the set point, the exhaust valve will modulate open to vent off the excess pressure to maintain a stable and accurate control pressure in the process.

The Cordis HP500 pressure regulator is adaptable to a variety of sensors that can close the loop around pressure.

- Smooth linear control
- Pressure Range of 0 to 500 psig
- Integrated internal or external sensor feedback
- Customizable pressure ranges and mounting options
- Proudly made in the USA. ISO 9001.

For more information on the new Cordis Pressure Controls or any of Clippard's other 6,000 pneumatic products visit clippard.com or call 877-245-6247.

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