Cordis Electronic Pressure Controls

CPC-HFI-DB

Precise, linear digital pressure control within a closed-loop system with ultra high resolution and repeatability.

The Cordis is a revolutionary microcontroller primed for escape velocity from a proportional control market that has grown stagnant. Built with the highest quality Clippard EVP and DVP proportional valves at its heart, the Cordis is designed to outperform the competition in every way. With unparalleled performance and flexibility not possible with current analog proportional controllers, the Cordis makes everything from calibration to sensor variety acceptance to future development opportunities more accessible and less complicated. The future of proportional pressure control has arrived, and it's digital.

****NOTE****	Consult Clippard for Custom Calibrated Ranges
2D File	2D File
Accessories	3.3 VDC Serial Cable, 3': CPCH-C2, Power Cord, 6': CPCH-CA6, Actuation Cable, 8-Pin, 6': CPCH-C1, Mounting Bracket: CPCH-B1
Accuracy	±0.25% of Full Scale
Applications Form	Applications Form
Calibrated Range	0 to 30 psig
Current	<250 mA max.
Data Sheet	Data Sheet
Function	Normally-Closed Proportional
Length	4.54
Linearity	±0.05% BFSL
Max. Hysteresis	±0.05% of Full Scale
Medium	Clean, Dry, Non-Corrosive Gases
Min. Volume / Flow @ Max. Pressure	≥0.50 in3 / 6.7 l/min
Mounting Attitude	Any
Operating Instructions	Operating Instructions
Operating Pressure	Vac. to 150 psig (10 bar)
Porting	1/8" NPT
Product Line Brochure	Cordis Electronic Controls
Protection Rating	IP65
Resolution	≤5 mV
Response Time	<20 ms Typical (Application Dependent)
Signal/Command	4 to 20 mA
Temperature Range	32 to 120°F (0 to 49°C) proportional valves
Troubleshooting Guide	Troubleshooting Guide
Type	Housed Unit, Internal Sensor
Typical Flow	2.7 to 65 l/min ±10% @ 100 psig (7 bar)
Weight (lbs.)	0.5