



Cordis Electronic Pressure Controls with External Sensor

CPC-ZFF-FRA



Clippard CPS series pressure sensors are conditioned and offer a customized calibration around your application requirements, allowing for a full scale accuracy of 0.25% over the calibrated range. They can be used in conjunction with Clippard's Cordis Pressure Controller or as a [standalone transducer](#).

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	-5 to +5 psid
Data Sheet	Data Sheet
Function	Normally-Closed Proportional
Linearity	±0.05% BFSL
Material, Wetted	Sensor: Polyamide, Manifold: Anodized Aluminum, Valves: refer to the DVP or EVP specifications
Max. Hysteresis	±0.05% of Full-Scale
Medium	Clean, dry, non-corrosive gases
Min. Volume/Flow @ Max. Pressure	≥0.25 in3 / 2.7 l/min
Mounting Attitude	Any
Note	Consult Clippard for Custom Calibrated Ranges
Operating Instructions	Operating Instructions
Operating Pressure	Vacuum to 150 psig (10 bar)
Operating Temperature Range	Proportional Valve: 32 to 120°F (0 to 39°C)
Porting	1/8" NPT
Product Line Brochure	Cordis Electronic Controls
Protection Rating	IP65
Resolution	≤5 mV
Response Time	<20 ms (application dependent)
Sensor Mounting	Male 1/8" NPT
Signal/Command	0 to 5 VDC

