



## Cordis Electronic Pressure Controls with External Sensor

### CPC-ZFE-FCD



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': <a href="#">CPCH-C2</a> , Power Cord, 6': <a href="#">CPCH-CA6</a> , Actuation Cable, 8-Pin, 6': <a href="#">CPCH-C1</a> , Mounting Bracket: <a href="#">CPCH-B1</a> |
| Accuracy                         | ±0.25% of Full-Scale                                                                                                                                                                           |
| Applications Form                | <a href="#">Applications Form</a>                                                                                                                                                              |
| Calibrated Range                 | 0 to 15 psig                                                                                                                                                                                   |
| Data Sheet                       | <a href="#">Data Sheet</a>                                                                                                                                                                     |
| 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 | ≥2.00 in3 / 65.0 l/min                                                                                                                                                                         |
| Mounting Attitude                | Any                                                                                                                                                                                            |
| Note                             | Consult Clippard for Custom Calibrated Ranges                                                                                                                                                  |
| Operating Instructions           | <a href="#">Operating Instructions</a>                                                                                                                                                         |
| 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            | <a href="#">Cordis Electronic Controls</a>                                                                                                                                                     |
| Protection Rating                | IP65                                                                                                                                                                                           |
| Resolution                       | ≤5 mV                                                                                                                                                                                          |
| Response Time                    | <20 ms (application dependent)                                                                                                                                                                 |
| Sensor Mounting                  | Male 1/8" NPT                                                                                                                                                                                  |
| Signal/Command                   | 0 to 10 VDC                                                                                                                                                                                    |

