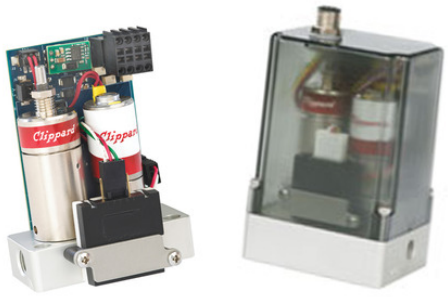
Cordis Electronic Flow Controller

CFC-HFE-BFE



The Cordis Flow Controller utilizes an extremely fast-reacting MEMS technology sensor upstream from Clippard's proportional valve. Unlike other mass flow controllers, the Cordis flow controller requires less than one minute warm-up, features a pressure drop ≤14" H2O, and includes flow ranges as low as 0 to 30 sccm. Standard control options include 0.2 to 10 VDC, 4.32 to 20 mA, and 3.3 VDC Serial. IP65 housing available for light industrial applications.

****Note**	Please consult factory for current pricing
2D File	2D File
Accessories	3.3 VDC Serial Cable: CPCH-C2, Actuation Cable, 8-Pin, 6': CPCH-C1, Mounting Bracket: CPCH-B2
Accuracy	≤2% of Full Scale
Applications	Applications Form
Calibrated Flow Range	0 to 4 l/min
Current Draw	≤250 mA max.
Data Sheet	Data Sheet
Filtration	40 micron (recommended)
Flow Range	Minimum: 0 to 15 sccm, Maximum: 0 to 6 l/min
Function	Normally-Closed Proportional
Hysteresis	≤1%
Linearity	≤1%
Material, Manifold	Anodized Aluminum
Material, Sensor	Polyamide
Max. Inlet	60 psig (4 bar)
Medium	Clean, Dry, Non-Corrosive Gases
Mounting Attitude	Any
Operating Instructions	Operating Instructions
Operating Temperature Range	Proportional Valve: 32° to 120°F (0 to 49°C)
Porting	1/8" NPT
Pressure Drop	≤14" H2O
Product Line Brochure	Cordis Electronic Controls
Protection Rating	IP65
Protection Rating	IP65
Regulated Supply	Clippard DR-2 Regulator
Repeatability	≤1%
Resolution	≤25 mV
Response Time	<50 ms (application dependent)
Signal/Command	0.2 to 10 VDC
Supply Pressure	51 to 60 psig
Turndown Ratio	50:1
Type	Housed Unit
Voltage	15 to 24 VDC
Warm-Up Period	<1 Minute
Weight (lbs.)	0.4000