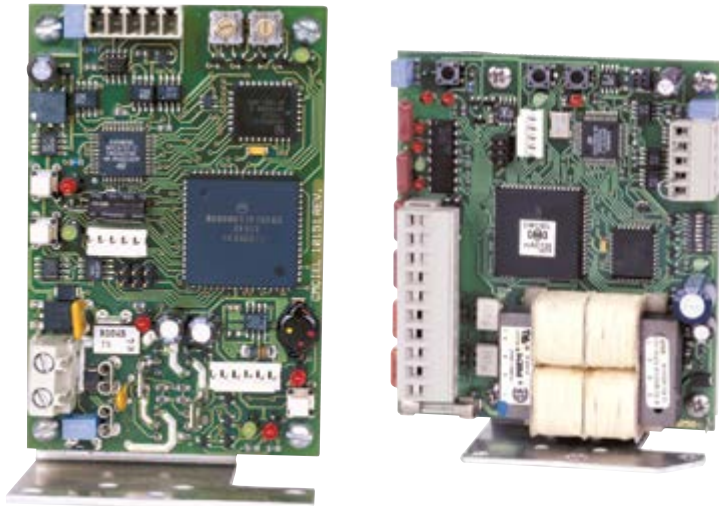


Profibus D.P.



Model
DPC-100 12 or 24 Volt D.C. Actuators

Model
DPC-120 115 Volt A.C. Actuators

Features

- Two wire control reduces installation and start up time compared to multi-cable wiring
- Automatic calibration cuts down on start up time
- No deadband eliminates need for field adjustment.
- On line configuration of 36 operational parameters using generic Profibus software
- Low power consumption; does not require ventilation
- Electronic overload protection with built-in current monitoring
- LED indicators for input, outputs and communication channel
- Automatic calibration with local pushbutton or remote command
- Dynamic breaking eliminates overshooting
- Robust power switching components, designed specifically for actuator motors, virtually eliminates field failures

Specifications

Power Supply

DPC-100: 24/12 VDC

DPC-120: 120 VAC

Communication Interface

Profibus Standard

Protocol

Profibus DP (Distributed Process)

Feedback

Potentiometer 1000 Ohms/Optical Encoder

Position Input Accuracy

1.0% full scale standard, Maximum 0.1%

Temperature

-40°C to +70°C (-40°F to +158°F)

Relative Humidity

0 to 90% non-condensing

Dimensions

DPC-100: 4.0 x 1.5 x 2.5 in.

DPC-120: 4.25 x 1.75 x 3.75 in..

The DPC-100 & DPC-120 provide the following status and fault signals:

Valve full closed

Valve full open

Percentage of open

Valve seeking position

Motor running

Valve closing

Valve opening

Motor thermostat tripped

Incomplete travel

Valve opening or closing manually

Valve jammed/current limiting

Motor still energized after stop or end of travel

Controller self-test (detects problems)

Communication failure

Average running current load

Peak running current load

Idle current load



www.mountaincontrols.com



COPPUS®
Air Movers

POWERS
PROCESS CONTROLS
Quality...Our Commitment



Custom Actuator Solutions

Portable Ventilators
Fans & Blowers
Welding Fume Exhausters
Ducts

Control Valves – Globe Type
Temperature Regulators
Self-Contained Temperature Controllers

Pressure Gauges
Thermometers
Needle Valves and Diaphragm Seals

Precision Air Regulators
Air, Gas, Steam & Water Regulators
Vacuum and Backpressure Regulators
I/P and E/P Transducers

Electric Actuators
Modulating Controllers
Spring Return – SURE
Mounting to your valves.

Electric Actuators
Spring Return Electric Actuators

Solenoid Valves
Water – Air – Hot Water – Steam
Pilot Valves

Process Controllers
Multi-Loop Process Indicators with Switches

Ball Valves – 3-piece
Pneumatic Actuators
Electric Actuators
Specialty Valves

Electric actuators mounted and tested to the valve of your choice.
Custom lightweight actuators for compact solutions

