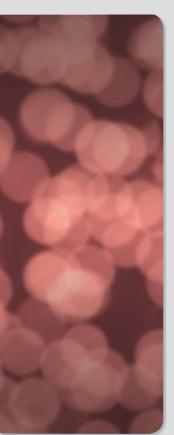
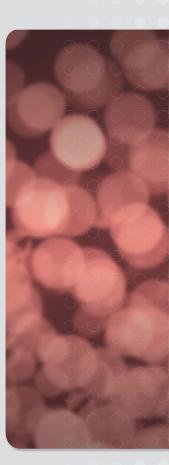
Humphrey®

ProControl PCD







www.humphrey-products.com

A privately owned US company since 1901.

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PROCONTROL™ Driver: PROCONTROL PCD

Humphrey **ProControl**[™]**PCD** is a rugged proportional valve controller designed to drive proportional valves through PWM or constant current signals.

The versatile design allows great flexibility of various drive/control inputs, or manual operation. Valve and interface can be controlled with a host of data acquisitions, such as PLCs, IOTs, or sensor feedback (closed loop) systems



FEATURES

- Control Input Options: 0 to 5v, 0 to 10v, 4-20mA, or manual via scroll wheel
- Valve Presets: PC3, PC10, PC30, PC100 or custom (such as other proportional valves, or ON/OFF valves)
- Connector: Screwless, pushbutton clamp
- User Interface: LCD Screen (no jumpers or pots to adjust)
- Industry leading LCD readout
- Setup and Installation instructions included

FEATURES: OUTPUT OPTIONS

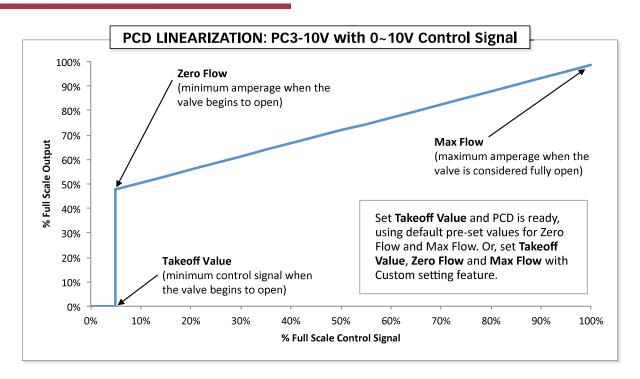
- Constant Current:
 - 0 to 1 Amp
 - Dithering: 0 to 40mA
- PWM
 - Freq: 500, 1.25k, 2.5k, 5k, 10k Hz
 - Duty Cycle: 0 to 100%
 - Dithering: 0 to 10%

PCD is ideal to evaluate and operate proportional valves, such as the new Humphrey **ProControl**™ Series.





PCD-Linearization



PCD-Specifications

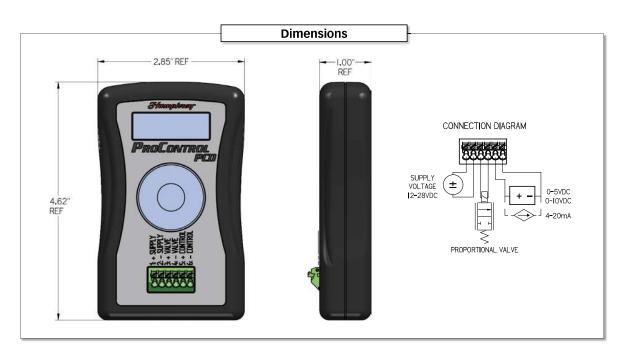
Connector:

SPECIFICATIONS	
Model Number:	PCD
Supply Voltage:	12-28VDC
Control Signal:	0-5v, 0-10v, 4-20mA, PWM signal on 0-5v, manual via scroll wheel
Output Amperage:	0-1A (internally protected)
Valve Presets:	PC3, PC10, PC30, PC100, Custom
Wire:	16-24AWG Stranded

Screwless - Push Button Clamp







PCD-Overview, How to Order

COMPACT SIZE Bench Top/Desktop; Hand comfortable Humphrey. **LCD SCREEN** Easy to read and navigate MENU PC3-10V **ProControl**™ VALVE PRESETS S: 10U C:0-5V Parameters entered and ready to go PROCONTROL PCD **EASY TO USE SCROLL WHEEL** Simple connector; WITH CENTER Quick setup; Instructions included **SELECT BUTTON** with each PCD Navigation and parameter setting **MANY OPTIONS** Several control input options; Wide range of outputs **PUSHBUTTON CONNECTOR COMPATIBILITY** Spring loaded Works with Labview, PLCs, and screwless Ardunio, DAQ systems, microcontrollers and many other systems. Great for lab environments, maker project, prototyping and machine building

Ordering Part Number: PCD

PC Laptop

Power Supply