

High Country Tek by Enovation Controls Proportional Valve Controller MVP-C

Electronic Controller Solutions for Mobile, Industrial & Marine Applications

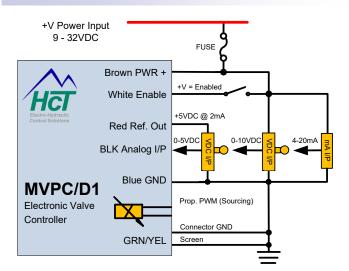
Product Feature Overview

- Permanently sealed, standard DIN 43650 Form A connector body with pre-wired 18AWG PVC cable
- All input and output limits are independently adjustable
- Multiple modes for open loop, closed loop and inverted
- Single coil, programmable enable input
- Output short circuit protection and open circuit alert
- Diagnostic LED's with system "status" blink code indication
- PC based Graphical User Interface (GUI) for system configuration
- Infrared HCT Hand Held Interface for system configuration





Basic Connection Diagram



MVP-C Wiring		
Terminal	Function	
Brown	+PWR	
Blue	PWR GND	
Black	Command Input	
White	Enable Switch	
Red	+5V Reference	
GRN/ YEL	Connector GND	

Controller Specification Overview

	MVP-C (Standard)	MVP-Cxx-xxxxD1	
Housing Type	HCT custom DIN enclosure		
Power Supp. Voltage	9 to 32VDC (Absolute Maximum)		
Current Consumption	Load current + 20mA Quiescent (Max)		
Analog Input Range	-C1V: 0 to 10V; -C2A: 4 to 20mA		
Outputs	06A: 600mA max 12A: 1.2A max 25A: 2.5A max	06A: 600mA max 25A: 2.5A max	
PWM Dither Freq. (Standard)	30, 33, 38, 43, 50, 60, 75, 100, 150, 300Hz (Select OFF for 1000Hz)	80, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300Hz (Select OFF for 1000Hz)	
Module Connector	DIN 43650 Form A connector body		
Communication	Infrared Communication		
Housing Material	33% glass reinforced, heat stabilized, black polyamide 66		
Temperature Range	-40 to +85°C (Operational) -60 to +90°C (Storage)		
NEMA/IP Rating	NEMA 4 / IP67		



Proportional Valve Controller MVP-C

Accessories



CBL-IRA CBL-IR



Comm. Cable

Comm. Cable

Free PC set-up software. Download at http://support.enovationcontrols.com

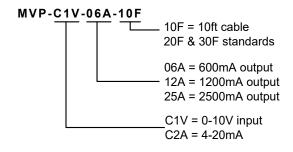
Graphical User Interface

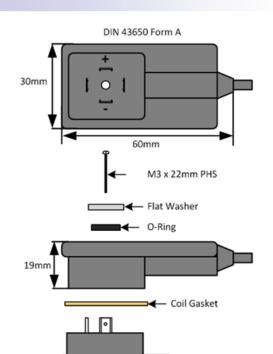
Infrared Hand Held Interface for Device Part #: CBL-IRA

Infrared Hand Held Interface for PC Part #: CBL-IRMU

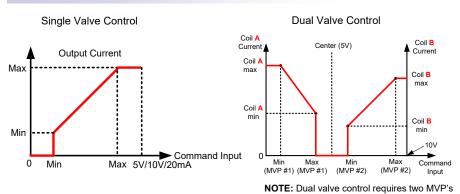
Order Information

Dimensions





Application Examples





Coil

High Country Tek by Enovation Controls

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