

# PVS-5 Power Supply

External power is required to make the PVM gage line compatible with existing MurphyLink products, such as PV1000, Cascade, iGuard and eGuard. The PVS-5 power supply device supplies 5 volts of external power and load dump protection for up to 6 PVM gages. The maximum length of the power and data connection between gages is 0.5 meters (8.5 meters total).

The unit may be installed inside a panel or behind a dash.



## Specifications

### Input Voltage:

6 VDC minimum to 32 VDC maximum  
12/24 VDC nominal

**Output Voltage:** 5 VDC @ 450 mA maximum

**Reverse Polarity Protection:** -36 VDC and above

**Overcurrent Protection:** 600 mA @ 36 VDA maximum

**Connector:** AMP 1-770968-1

**Operating Temperature:** -40° to 185° F (-40° to 85° C)

**Storage Temperature:** -40° to 221° F (-40° to 105° C)

**Random Vibration:** 5-2000 Hz

**Operating Shock:** 50G

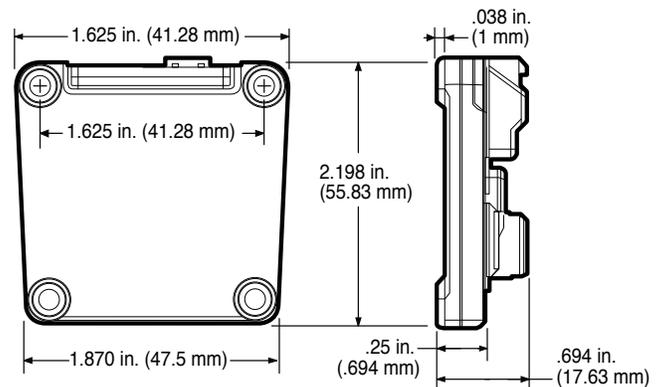
**Certification:** CE

**Case Material:** Polyamide

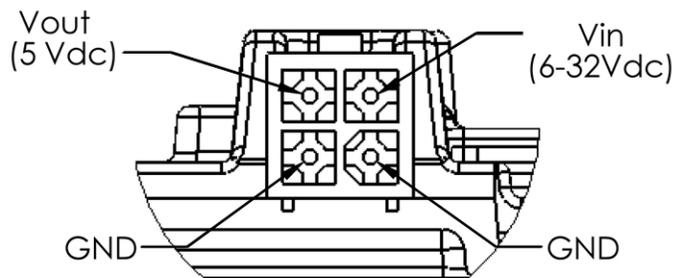
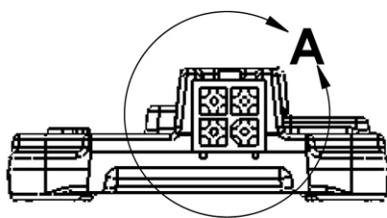
**Dimensions:** 2 x 2 x .75"

**Mounting Hole Dimensions:** Two #8 screws, 1.625" offset

## Dimensions



## Wiring Diagram



DETAIL A

Mating Connector - Tyco Electronics AMP Mini Universal Mate-N-Lok Plug Housing 4 Position,  
AMP P/N 172338-1  
Murphy P/N 00006935

## How To Order

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Part Number	Description	Notes
78700383	PVS-5 Power Supply	
00006935	Murphy Mating Connector	Accessory
78000479	9-inch Harness	PVM Gage Harnesses 
78000490	12-inch Harness	
78000503	24-inch Harness	