

HEC-PS5

The HEC-PS5 is an accessory designed for use with Harsh Environment Products (HEC). It is a power supply that provides 5VDC output power for devices that require 5VDC such as potentiometers, encoders and joysticks. The HEC-PS5 will accept an input voltage range of 8-32VDC over a temperature range of -40°C to +85°C. The maximum output current for the HEC-PS5 is based on the actual input voltage and the ambient temperature. Figure 2 is a chart to identify maximum currents based on temperature and input voltage.

The HEC-PS5 connections are flying leads (wires). Two wires extend from each end of the heat shrink. These wires are the only connections required to use the HEC-PS5. An LED indicates when power is applied.

White / Black Color Pair	
Color	Function
White	DC Input +8VDC to +32VDC
Black	DC Input Common / Gnd
Red / Black Color Pair	
Color	Function
Red	DC Output +5VDC
Black	DC Output Common / Gnd

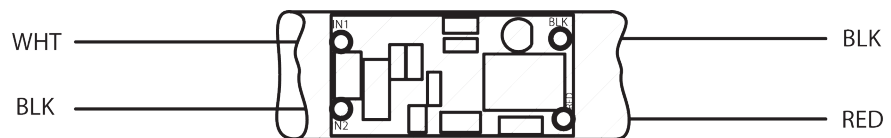


Figure 1- HEC-PS5 and Wiring Connections

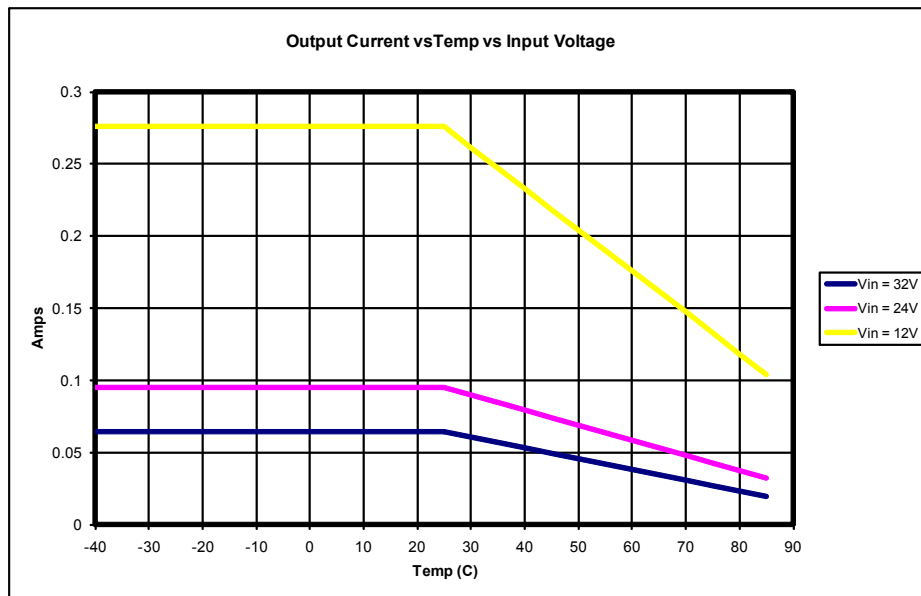


Figure 2- HEC-PS5 Output Current