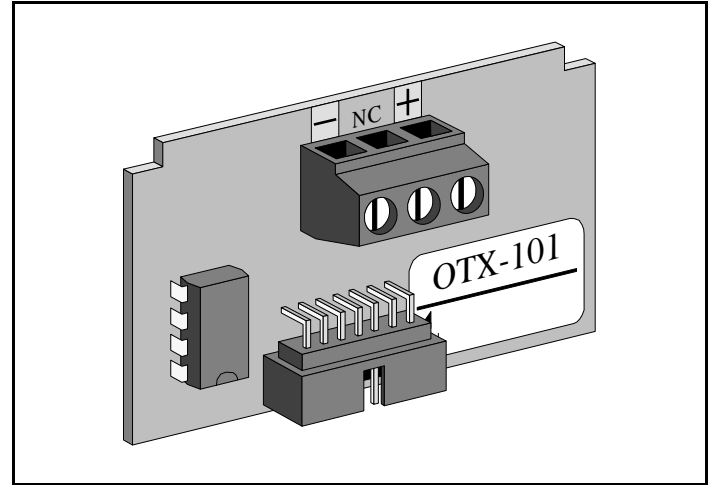


DHC Series Option Module

The Peaktronics OTX-101 Option Module is specifically designed for use with the Peaktronics DHC-400x controllers but will work with all other DHC Series controllers. The module provides an isolated 4-20mA output signal that can be scaled to any range from 4 to 20mA. The electrically isolated 4-20mA output is loop-powered and therefore requires only 2 wires. An on-board LED indicates when loop power is present. When plugged into a DHC controller (see below), the current output is easily calibrated to any desired current range. The DHC controller's datasheet describes the function and calibration of the output signal.

OTX-101

Isolated 4-20mA Transmitter



SPECIFICATIONS

LOOP POWER REQUIREMENTS

| | |
|---------------------------|---------|
| Minimum Voltage | 5.5 VDC |
| Maximum Voltage | 30 VDC |
| Maximum Reverse Voltage | 40 VDC |
| Maximum Power Dissipation | 0.6 W |

CURRENT OUTPUT

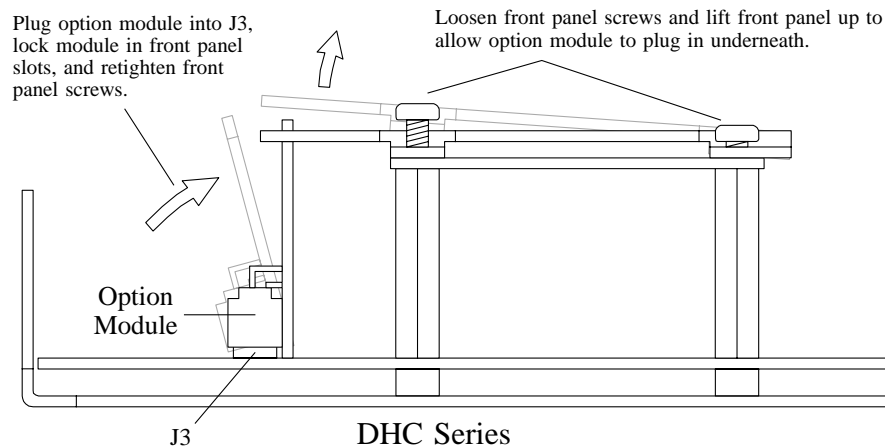
4 to 20mA (adjustable)
Resolution: 0.0031mA

ENVIRONMENTAL

Operating Temperature: 0 to 60 °C
Storage Temperature: -40 to 85 °C
Relative Humidity: 0 to 90 % (non-condensing)

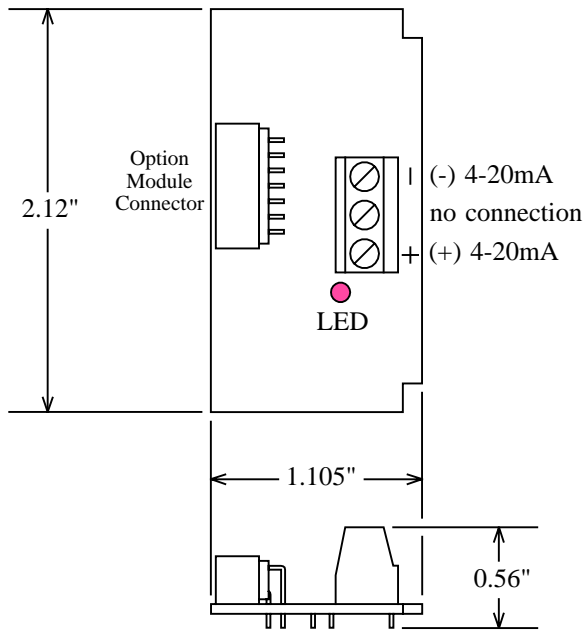
ENVIRONMENTAL STABILITY

Zero: 0.005% of zero per °C maximum
Span: 0.025% of span per °C maximum

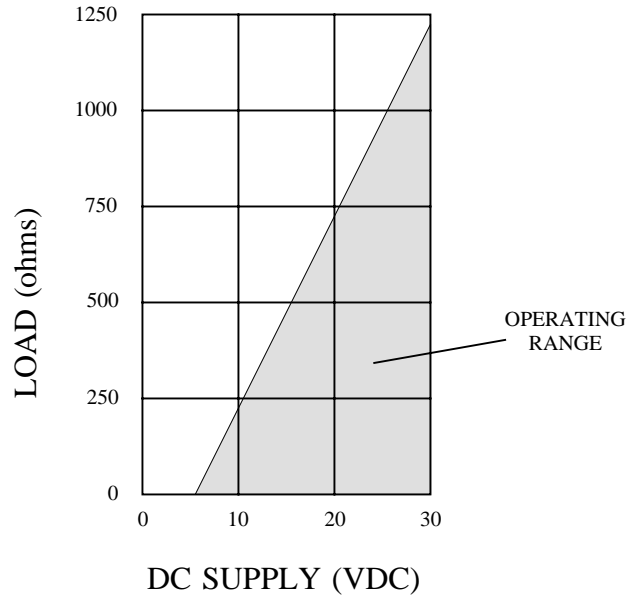


DHC Series
Installing an Option Module

OUTLINE



4-20mA OUTPUT



TYPICAL APPLICATION

