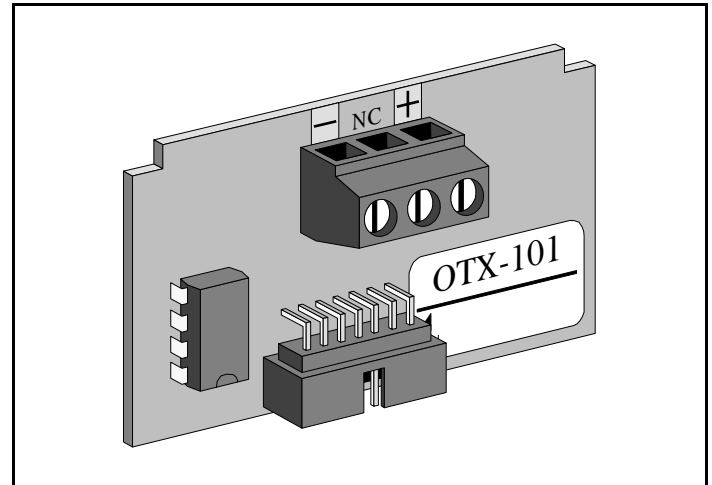


DHC Series Option Module

The Peaktronics OTX-101 Option Module is specifically designed for use with the Peaktronics 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

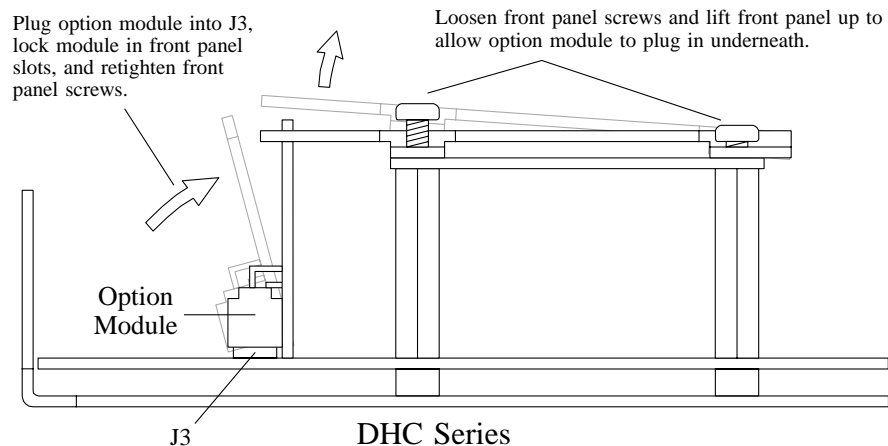
4 to 20mA (adjustable)
Resolution: 0.0031mA

ENVIRONMENTAL

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

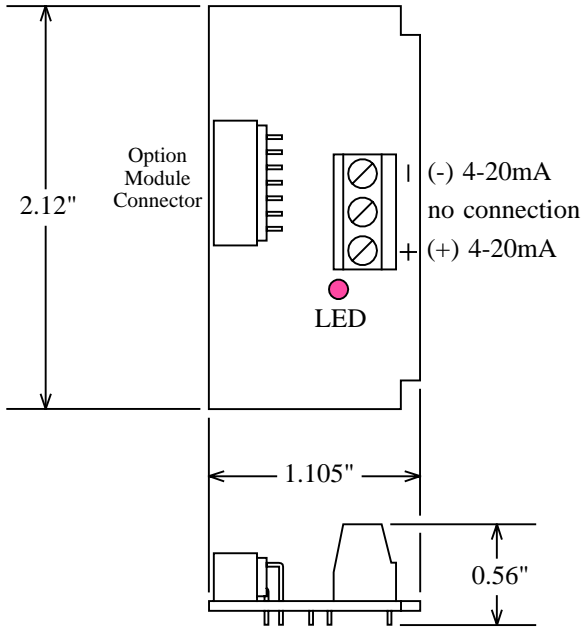
ENVIRONMENTAL STABILITY

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

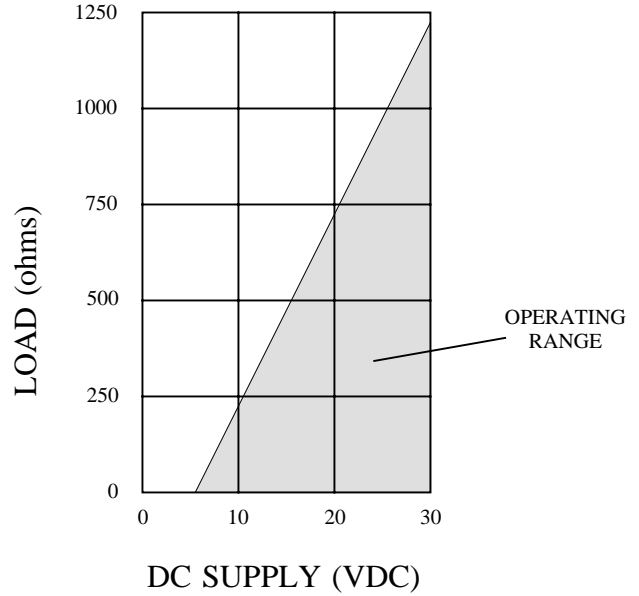


DHC Series
Installing an Option Module

OUTLINE



4-20mA OUTPUT



TYPICAL APPLICATION

