ADPT-25-IV µDAQ-26/30 & PCI-730/E CURRENT LOOP ADAPTER MODULE

Features

Easy connection via screw terminals to gain access to Analog I/O; Ext Trigger & Clock and Power (only a small flat screw driver is required)

Voltage I/Ps can be converted to (4-20mA) Current I/Ps by simply installing jumpers (which introduce a 100 (0.1%) Ohm resistor in series with each channel.

I/P channels used to measure Current, can be jumper selected for Single Ended (ie: Chan 0..15) or Differential (ie: Chan 0 & 8..7 & 15)

A mixture of Voltage; SE Current & DIFF Current I/Ps can be selected by correctly installing the appropriate jumpers (the top/bot legends on the board shown below, must be used for this purpose and a schematic is also available if required).

This module can be used with ALL µDAQ-26/30 & R-µDAQ-26/30 units (ie: USB; Serial; Wireless & Ethernet) and PCI-725/726/730/725E/726E/730E boards.

Thumb screws are included to secure this module to the µDAQ DIO unit.

ADPT-25-IV

Description

DB37 of ADPT-37103 plugs into any µDAQ-26/30 Analog I/O connector or PCI-730/E Analog I/O connector

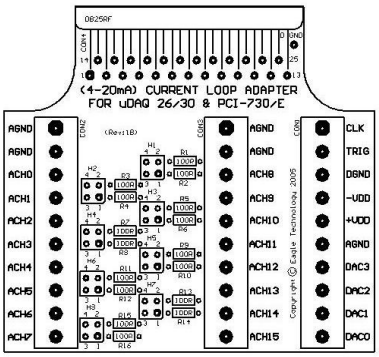
Analog I/Ps are accessible via screw terminals ACH0..ACH15

Analog O/Ps are accessible via screw terminals DAC0..3

External Clock & Trigger (for µDAQ & R-µDAQ units ONLY) are accessible via screw terminals CLK & TRIG

Auxiliary power O/P (for PCI-730/E ONLY) is accessible via screw terminals +VDD & -VDD

Current select jumpers MUST be removed on all channels which are to be used as Voltage I/Ps

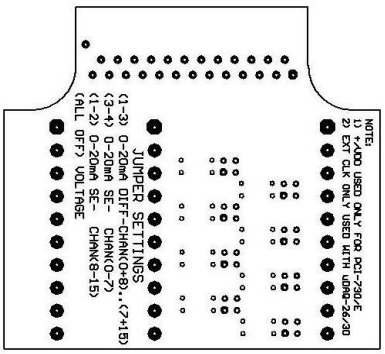


TOP VIEW

Temperature Ranges

Operating Temperature: 0° to 60°C

Storage Temperature: -20° to 80°C



BOT VIEW

Physical Dimensions

62.0mm (width) X 65.0mm (length) X 15.0mm(height)