

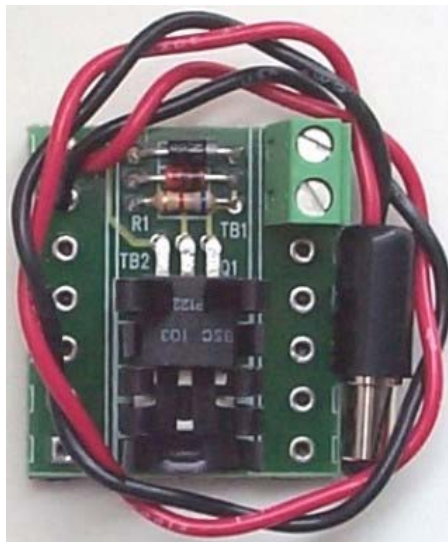


Integrity Instruments

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PWR AD-DAQ

**POWER ADAPTER FOR ALL
M SERIES DATA
ACQUISITION MODULES**

GENERAL

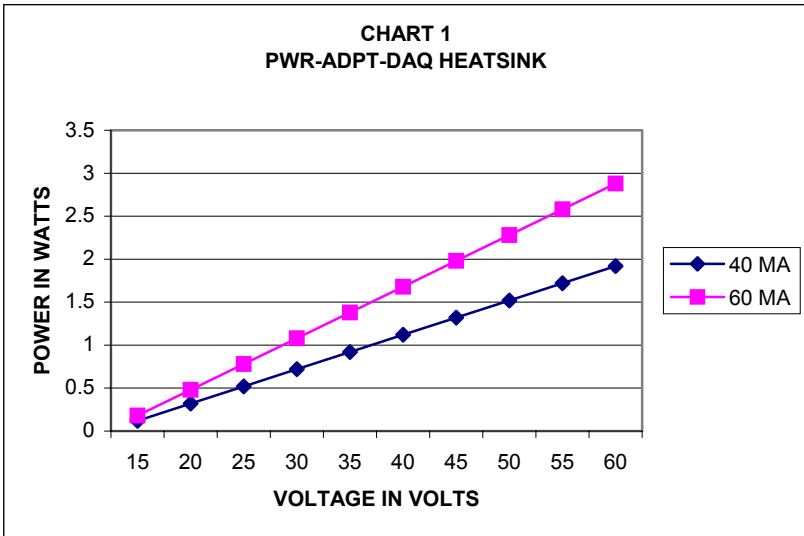
The Integrity Instruments Power Adapter (**PWR-ADPT-DAQ**) is the solution for those who wish to run our M series modules from a higher source voltage. With the **PWR-ADPT-DAQ** module you can run any of our M series data acquisition modules from your own local power source up to 60 VDC. You need only to plug the power adapter into your data acquisition module via the convenient power plug, and your ready to accept your external power source to the screw terminals of the adapter.

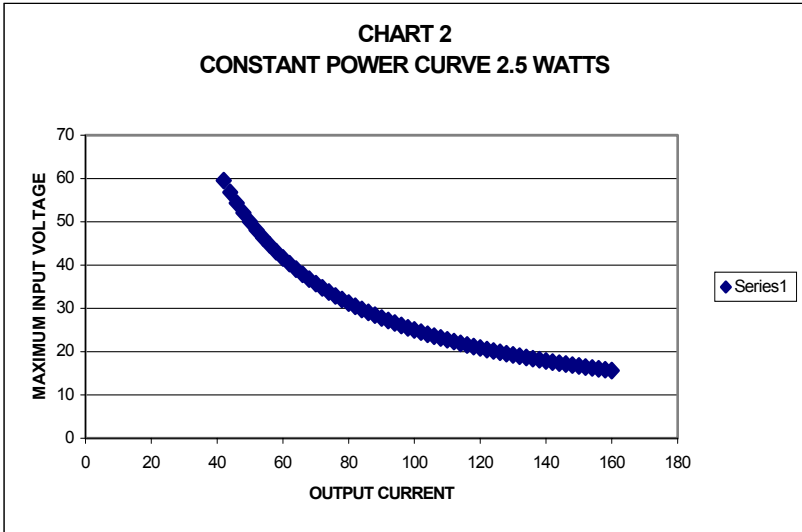
Electrical Characteristics:

- * **V+** voltage up to 60Vdc at 60 ma output current
- * **V+** input is diode protected with a 1N4004
- * Power consumption is dependent on input voltage.
- * Plug center is positive, barrel is negative.

CHARTS

Chart 1 shows the **PWR-ADPT-DAQ** heat sink power dissipation for 40 and 60 MA draw. Chart 2 shows the maximum current allowed for applied input voltage.

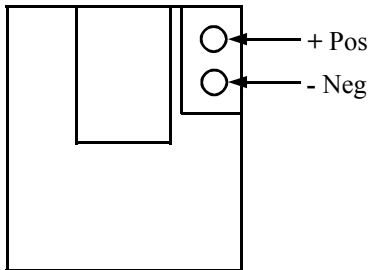




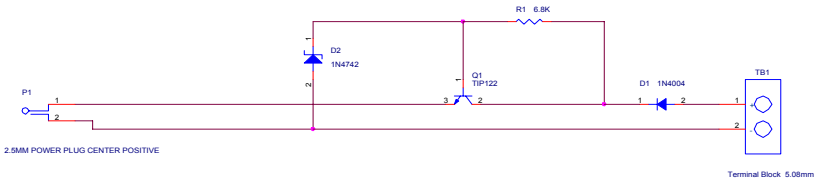
Power Adapter Connection

The plug of the power adapter is connected directly to the power receptacle of the Integrity Instruments data acquisition module. The external power is connected to the two position terminal strip, positive to the outside terminal, negative to the inside terminal.

The unit has an adhesive backing strip, so the unit can be attached in the area.



SCHEMATIC



NOTES:

WARRANTY

Integrity Instruments warranties all products against defective workmanship and components for the life of the unit. Integrity Instruments agrees to repair or replace, at its sole discretion, a defective product if returned to Integrity Instruments with proof of purchase. Products that have been mis-used, improperly applied, or subject to adverse operating conditions fall beyond the realm of defective workmanship and are not covered by this warranty.

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