

Since 1984

Telemetry Module

**DIGITAL INPUTS - 4**

Digital Inputs are active high.

All digital inputs can be configured as pulse counters for up to 10Hz

**FAST PULSE COUNTERS - 2**

The first 2 of the 4 digital inputs can be configured as pulse counters to 5KHz.

**DIGITAL OUTPUTS - 2**

The AD4000 has 2 outputs each sourcing 12VDC and limited to 1A.

**COMMUNICATIONS PORTS -**

The AD4000 has three external communications ports.

Port 1 - USB Programming Port

Port 2 - RS232.

Port 3 - RS485 Modbus

**DATA LOGGING - 1Mbyte Flash on-board memory.**

The data storage capability may be increased by way of the SD Flash facility.

**ANALOG INPUTS - 4**

The analog input channels may be configured as follows :-

4-20mA / 1-5V

0-20mA / 0-5V

or 0-1V

Resolution - 12 bits

Accuracy - 0.1%

Linearity - 0.1%

Analog input 4 can be configured as a normal input or to monitor the battery voltage.

**WIRELESS OPTIONS**

400MHz, 920MHz and 2.4GHz onboard data radio

2G/3G Modem

**POWER SUPPLY - 12VDC**

**POWER CONSUMPTION** - 60µA in monitoring only mode.  
1.2A peak on transmit.

**WEIGHT** Without internal radio - 280g

With internal radio - 320g

**OPERATING TEMPERATURE** -20° to +70° C

**DIMENSIONS** - 150 x 75 x 60 Din rail mounting.