

AD047 – 16 Channel Current Analog Input

8/23/2011



Specifications	
Number of channels	16 differential, individually isolated
Input ranges	0-20 mA, 4-20 mA (input impedance 250 Ω)
Resolution	16 bits
Accuracy	±0.1% max at 25°C
Drift	Zero drift: +/-0.06 μV/°C Span drift: +/-30 PPM/°C
Conversion Speed	Max 900 ms/16 ch
Rejection Mode	Common: 150 dB@60 Hz Normal: 150 dB@60 Hz
Isolation	2.5 KV optical isolation between input signals and CPU
Internal current consumption	0.6A
Range selection	DIP switches, all channels must be same range
External connections	36 pt. terminal block connector, max. wire size #14 AWG
Weight	485 g

Requires AD04x-TB Terminal Block & XDC20-CBL cable

