



Features
1 Channel Analog Input voltage current
16 bit resolution
(1) Digital Input/Counter
(2) Digital Outputs
Serial interface to SoftPLC using ADAM-4000 TLM

Specifications

Analog Input		
Channels	1	
Input Impedance	Voltage	20 M Ω
	Current	125 M Ω
Input Type	mV, V, mA	
Input Range	$\pm 150\text{mV}$	$\pm 500\text{mV}$
	$\pm 10\text{V}$	$\pm 5\text{V}$
	$\pm 1\text{V}$	$\pm 20\text{mA}$
Accuracy	Voltage Mode	$\pm 0.1\%$ or better
	Current Mode	$\pm 0.2\%$ or better
Span Drift	± 25 ppm/ $^{\circ}\text{C}$	
Zero Drift	$\pm 6\mu\text{V}/^{\circ}\text{C}$	
Resolution	16-bit	
Sampling Rate	10 samples/second	
Isolation Voltage	3,000 DC	
CMR @ 50/60Hz	150 dB	
NMR @ 50/60 Hz	100 dB	

General	
Power Consumption	1.2 W @ 24 V DC
Connectors	1 Plug-in terminal block (#14 ~ 22 AWG)
Power Input	Unregulated 10 ~ 30 VDC
Watchdog Timer	System (1.6 second)
Supported Protocols	ASCII Command
Module Dimensions	110 x 60 x 27 mm (HxWxD)
Construction Material	Impact Resistant ABS plastic
Certifications & Compliances	UL, UL(C), CE, FCC rated, ROHS Compliant

Environment	
Humidity	5 ~ 95% RH
Temperature	Operating: -10 ~ 70 $^{\circ}\text{C}$ (14 ~ 158 $^{\circ}\text{F}$)
	Storage:- 25 ~ 85 $^{\circ}\text{C}$ (-13 ~ 185 $^{\circ}\text{F}$)

Digital Output	
Channels	2, open collector to 30 V, 30 mA max. load
Power Dissipation	300 mW

Digital Input / Counter	
Channels	1 Logic Level 0: +1 V max. Logic Level 1: 3.5~30 V Pull up current : 0.5mA, 10k Ω resistor: +5 V
Event Counter	Max. input freq: 50 Hz Min. input pulse width: 1 msec.

