



Specifications	
Number of input channels	4 differential
Input ranges	0~10V, 1~5 V, ±10 V (input impedance 10 MΩ) 0~20 mA, 4~20 mA, ±20 mA (input impedance 250 Ω)
Line break detection	For ranges of 1~5 V and 4~20 mA
Resolution	15 bits
Accuracy	±0.1% FSR
Drift	Zero drift: +/-0.06, μV/°C Span drift: +/-30 PPM/°C
Step response (5~95%)	18 ms/channel
Setup time	20 ms/channel
Settle time	50 ms/channel
Conversion method	Sigma-Delta
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	400 mA
Range selection	DIP switches, all channels must be same range
External connections	20-pt. terminal block connector, max. wire size #14 AWG
Weight	390 g
Features	
	<ul style="list-style-type: none"> Built-in high/low limit detection capabilities Individual channel enable/disable Engineering Unit Scaling

Terminal #	Signal	Wiring Diagram
1	CH1_V+	
2	CH1_V-	
3	CH1_I+	
4	CH1_I-	
5	CH2_V+	
6	CH2_V-	
7	CH2_I+	
8	CH2_I-	
9	CH3_V+	
10	CH3_V-	
11	CH3_I+	
12	CH3_I-	
13	CH4_V+	
14	CH4_V-	
15	CH4_I+	
16	CH4_I-	
17	GND	
18	GND	
19	FG	
20	FG	

