

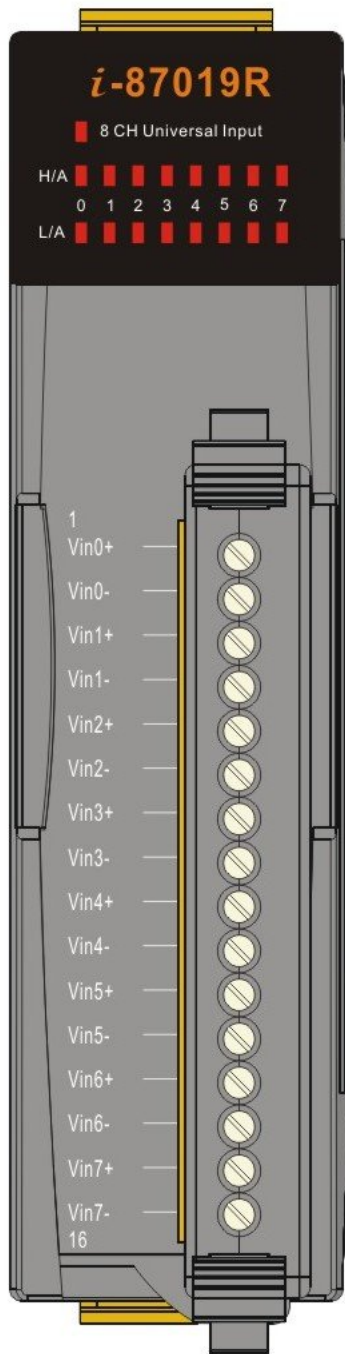
I-87019R Hardware User Guide *Ver. 1.0*

Last Modified 08/17/2006

87019R Specification

Analog Input Module	
<i>Input Channels</i>	<i>8 differential</i>
<i>Resolution</i>	<i>16-bits</i>
<i>Input Type</i>	<i>±10V, ±5V, ±2.5V, ±1V, ±500mV, ±100mV, ±50mV, ±15mV, ±20mA, Thermocouple(J, K, T, E, R, S, B, N, C, L, M, LDIN43710)</i>
<i>Sampling Rate</i>	<i>8 samples/second total</i>
<i>-3dB Bandwidth</i>	<i>15.7Hz</i>
<i>Accuracy</i>	<i>For ±15mV: +/-0.3% or better For Others: +/-0.15% or better</i>
<i>Common Mode Rejection</i>	<i>113dB</i>
<i>Input Impedance</i>	<i>>1M Ohms</i>
<i>Over voltage Protection</i>	<i>240 Vrms</i>
<i>Isolation Voltage</i>	<i>3000V DC</i>
<i>Power Consumption</i>	<i>1.1W max.</i>

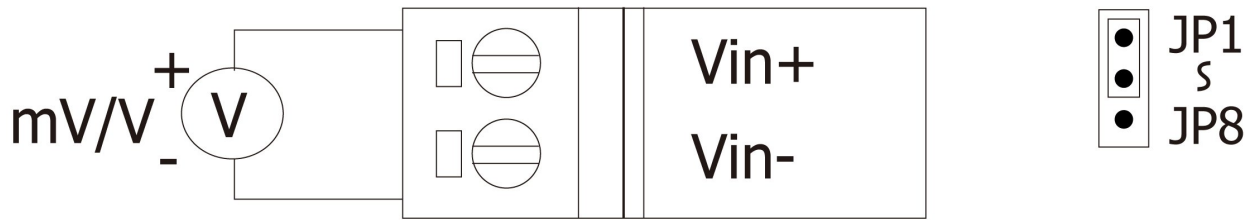
I-87019R Pin Assignment



Terminal No.	Pin Assignment Name
01	Vin0+
02	Vin0-
03	Vin1+
04	Vin1-
05	Vin2+
06	Vin2-
07	Vin3+
08	Vin3-
09	Vin4+
10	Vin4-
11	Vin5+
12	Vin5-
13	Vin6+
14	Vin6-
15	Vin7+
16	Vin7-

I-87019R Wire Connection Type

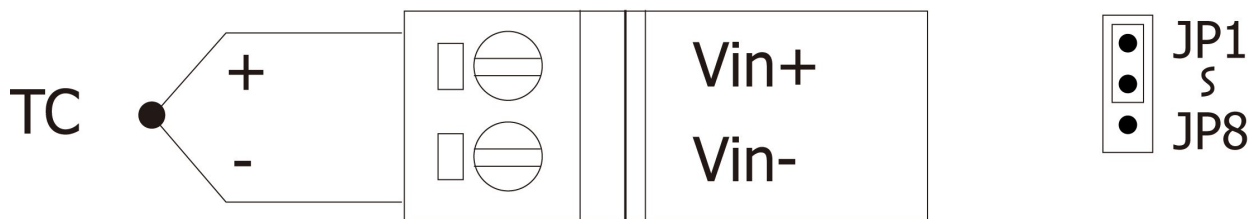
Voltage Input Wiring



Current Input Wiring



Thermocouple Input Wiring



I-87019R Internal I/O Structure

