

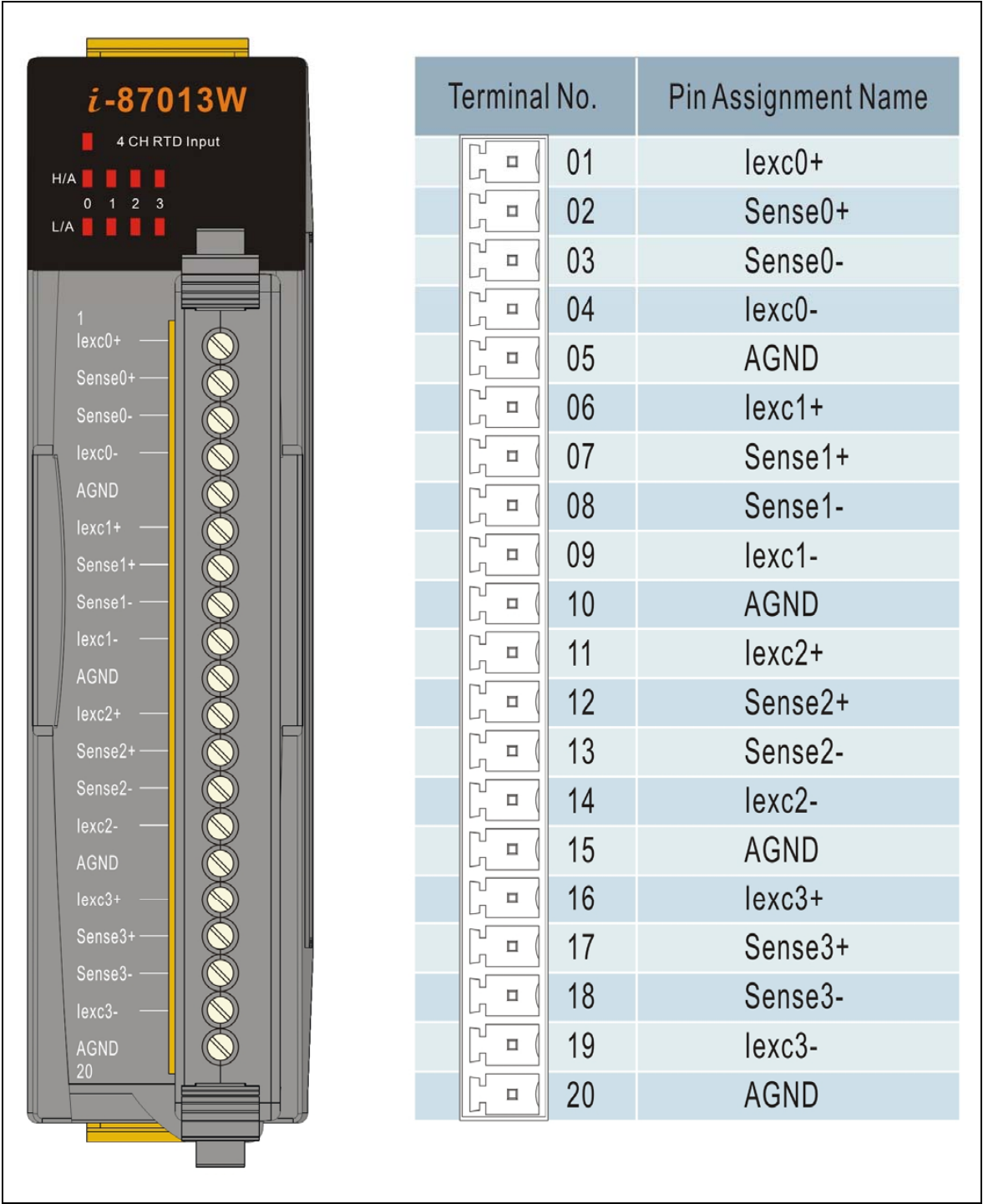
I-87013W Hardware User Guide *ver. 1.1*

Last Modified 05/07/2007

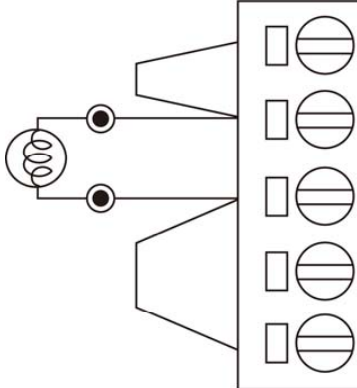
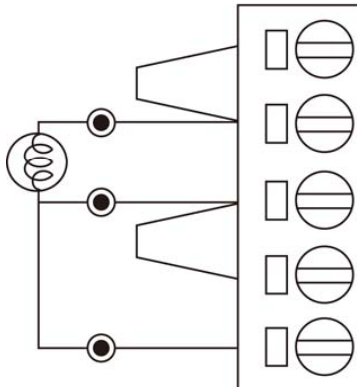
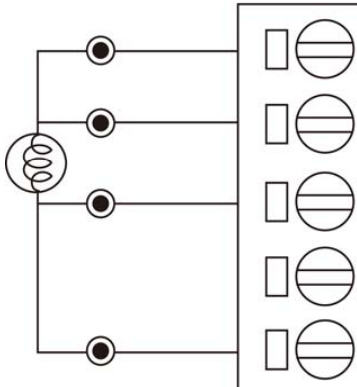
I-87013W Specifications

Analog Input Module	
Input Channels	<i>4 differential</i>
Resolution	<i>16bit</i>
Input Type	<i>Pt, Ni</i>
Wire Connection	<i>2/3/4 wire RTD</i>
Sampling Rate	<i>10 samples/second total</i>
-3dB Bandwidth	<i>15.7Hz</i>
Accuracy	<i>+/- 0.1% of FSR</i>
Common Mode Rejection	<i>150dB min</i>
Normal Mode Rejection	<i>100dB</i>
<i>Isolation Voltage</i>	<i>3000VDC</i>
<i>Power Consumption</i>	<i>0.8W max.</i>

I-87013W Pin Assignment



I-87013W Wire Connection Type

Wiring for 2-wire RTD	
	Iexc + Sense + Sense - Iexc - AGND
Wiring for 3-wire RTD	
	Iexc + Sense + Sense - Iexc - AGND
Wiring for 4-wire RTD	
	Iexc + Sense + Sense - Iexc - AGND

I-87013W Internal I/O Structure

