

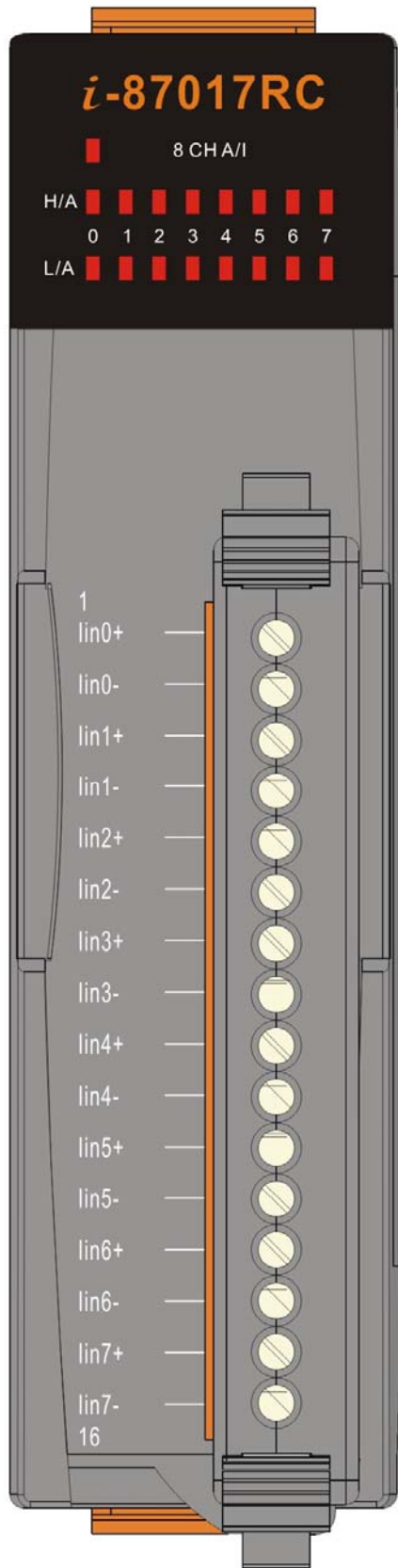
I-87017RC Hardware User Guide Ver 1.2

Last Modified 05/07/2007

87017RC Specifications

Analog Input Module	
<i>Input Channels</i>	<i>8 differential</i>
<i>Resolution</i>	<i>12/16-bits (Fast/Normal)</i>
<i>Input Type</i>	<i>±20mA, 4~20mA, 0~20mA</i>
<i>Sampling Rate</i>	<i>Normal mode: 10 samples/second total Fast mode: 60 samples/second total</i>
<i>-3dB Bandwidth</i>	<i>15.7Hz</i>
<i>Accuracy</i>	<i>Normal mode: +/-0.1% or better Fast mode: +/-0.5% or better</i>
<i>Common Mode Rejection</i>	<i>86dB</i>
<i>Input Impedance</i>	<i>125 Ohms</i>
<i>Common Voltage Protection</i>	<i>+/- 200V</i>
<i>Isolation Voltage</i>	<i>3000V DC</i>
<i>Power Consumption</i>	<i>1.3W max.</i>

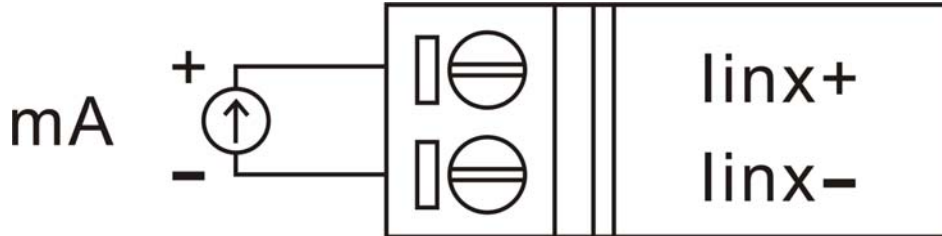
I-87017RC Pin Assignment



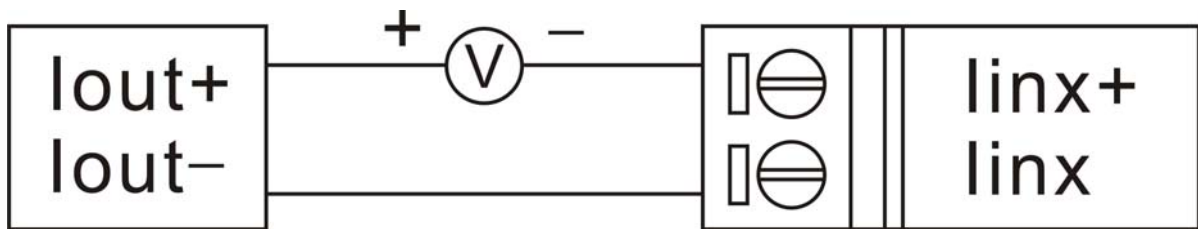
<i>Terminal No.</i>	<i>Pin name</i>
1	lin0+
2	lin0-
3	lin1+
4	lin1-
5	lin2+
6	lin2-
7	lin3+
8	lin3-
9	lin4+
10	lin4-
11	lin5+
12	lin5-
13	lin6+
14	lin6-
15	lin7+
16	lin7-

I-87017RC Wire Connection Type

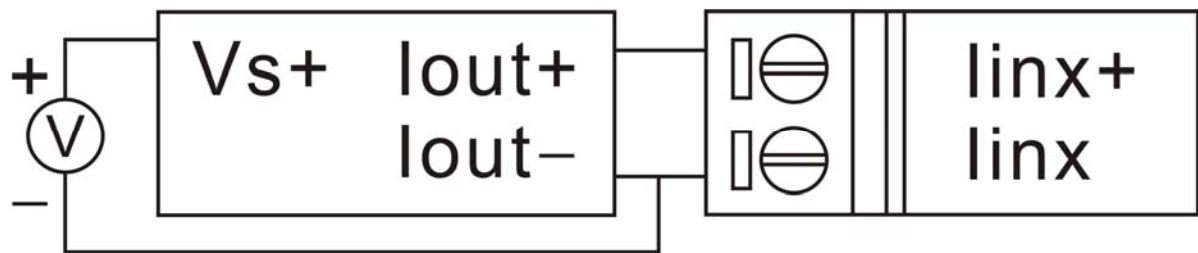
Wiring for Current Input



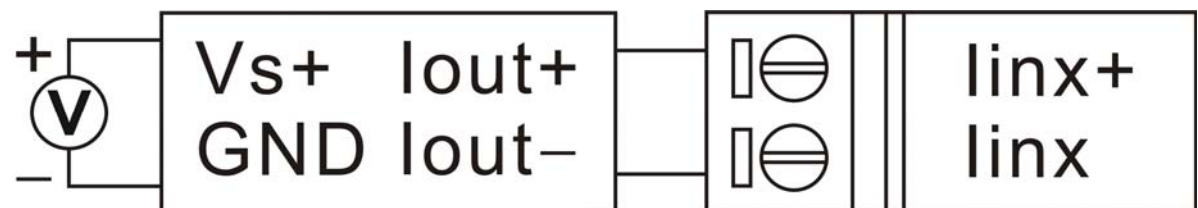
Wiring for 2-wire Transmitter Input



Wiring for 3-wire Transmitter Input



Wiring for 4-wire Transmitter Input



I-87017RC Internal I/O Structure

