

I-87017ML Hardware User Guide

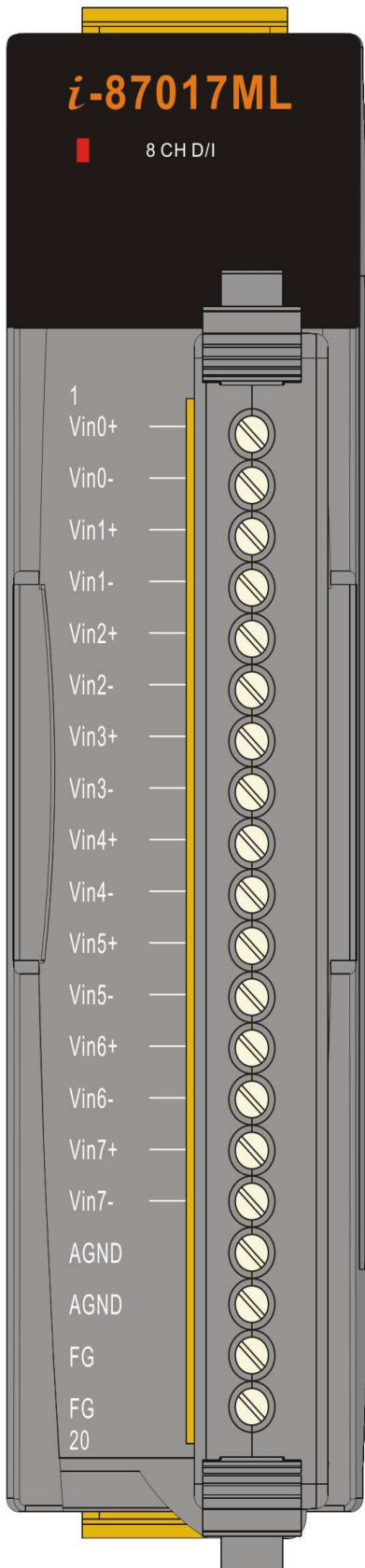
Ver 1.0

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Specification

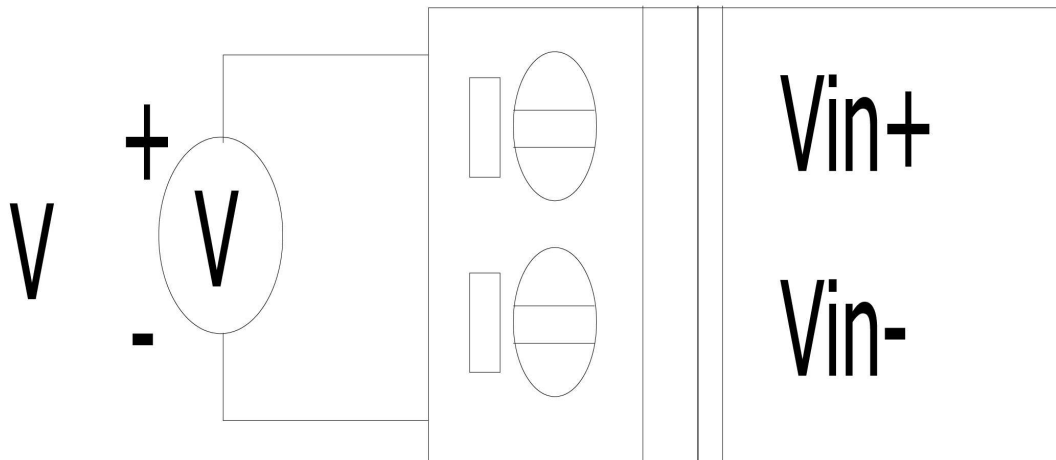
Analog Input Module	
Input Channels	<i>8 differential</i>
Resolution	<i>12/16-bits (Fast/Normal)</i>
Input Type	<i>+/-50V, +/-150V</i>
Sampling Rate	<i>Normal mode: 5 samples/second total Fast mode: 60 samples/second total</i>
-3dB Bandwidth	<i>15.7Hz</i>
Accuracy	<i>Normal mode: +/-0.1% or better Fast mode: +/-0.5% or better</i>
Common Mode Rejection	<i>86dB</i>
Input Voltage Impedance	<i>290K Ohms</i>
Isolation Voltage	<i>3000VDC</i>
Power Consumption	<i>1.0W max.</i>

I-87017ML 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-
17	AGND
18	AGND
19	FG
20	FG

I-87017ML Wire Connection



TYPE	SIGNAL
1B	$\pm 150V$
1C	$\pm 50V$

I-87017ML Internal I/O Structure

