

CONNECTOR PIN ASSIGNMENTS

The analog outputs are accessible via a female 25-pin D type connector that extends through the back of the computer case and a DB25P solder cup plug may be used to make connections. Usually only three or four wires are required (D/A outputs and ground) and multiwire flat cable is not necessary. Output range selection is performed by either jumping pins on the plug body or by on-board switch selection as described in the Option Selection section of this manual. Pin assignments are as follows:

PIN	NAME	FUNCTION
1	D.GND	Digital Ground
2	A.GND	Analog Ground
3	A.GND	Analog Ground
4	A.GND	Analog Ground
5	A.GND	Analog Ground
6	A.GND	Analog Ground
7	A.GND	Analog Ground
8	A.GND	Analog Ground
9	A.GND	Analog Ground
10	A.GND	Analog Ground
11	A.GND	Analog Ground
12	A.GND	Analog Ground
13	+5V	Power Supply +5V, from Computer
14	-10V REF	-10V Reference for D/A
15	-5V REF	-5V Reference for D/A
16	REF IN	D/A #1 Reference Voltage Input
17	BIP OUT	Bipolar Analog Output , Channel 1
18	UNIP OUT	Unipolar Analog Output, Channel 1
19	4-20 MA	Current Output, Channel 1
20	-10V REF	-10V Reference for D/A
21	-5V REF	-5V Reference for D/A
22	REF IN	D/A #0 Reference Input
23	BIP OUT	Bipolar Analog Output, Channel 0
24	UNIP OUT	Unipolar Analog Output, Channel 0
25	4-20 MA	Current Output, Channel 0

NOTE: The figure below shows how pins are numbered on D type connectors.

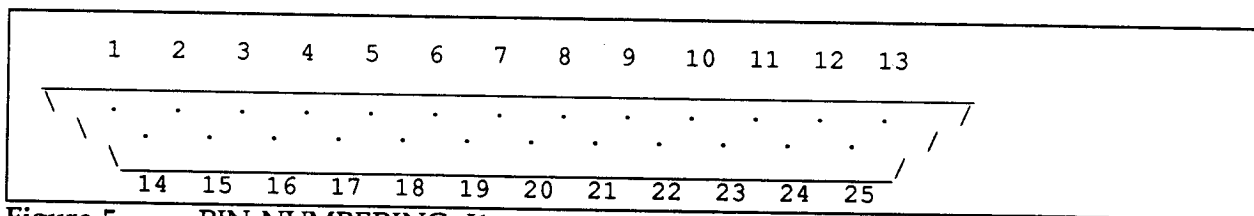


Figure 5 PIN NUMBERING, J1