## **PCI-1720U**

## 4-channel Isolated D/A Output Card with Universal PCI Bus

## **PIN Assignment**

The PCI-1720U uses one DB-37 female connector, which is located on the card at CN1 and connects D/A signals to external devices. The following figure shows the pin assignments of the connector.

NC	1		
+12 Vout	2	20	NC
		21	NC
AGND	3	22	NC
AGND	4		
Vout 0	5	23	NC
		24	NC
AGND	6	25	NC
Isink 0	7	26	NC
Vout 1	8	26	NC
AGND	9	27	NC
AGILD		28	NC
Isink 1	10	29	NC
Vout 2	11		
AGND	12	30	NC
Isink 2	13	31	NC
ISINK Z	13	32	NC
Vout 3	14	33	NC
AGND	15		
Isink 3	16	34	NC
NG		35	NC
NC	17	36	NC
NC	18	27	NC
NC	19	37	NC

Signal Name	Reference	Direction	Description
VOUT<03>	AGND	Output	Analog Voltage Output Channels 0 through 3. These pins supply the voltage outputs for the analog outputs.
ISINK<03>	AGND	Input	Current Sink Channels 0 through 3. These pins provide the current loop sink input.
+12 V OUT	AGND	Output	+12 VDC Source. This pin is a +12 V DC power supply (80mA max.) for current loop exciting voltage.
AGND	-	-	Analog Ground. The analog output voltage and +12 VDC source are referenced to these pins.
NC	-	-	No Connection to pin