Wiring Analog Inputs for an RIO-47100

Wiring Diagram:

Figure 1: Analog Input Wiring Diagram
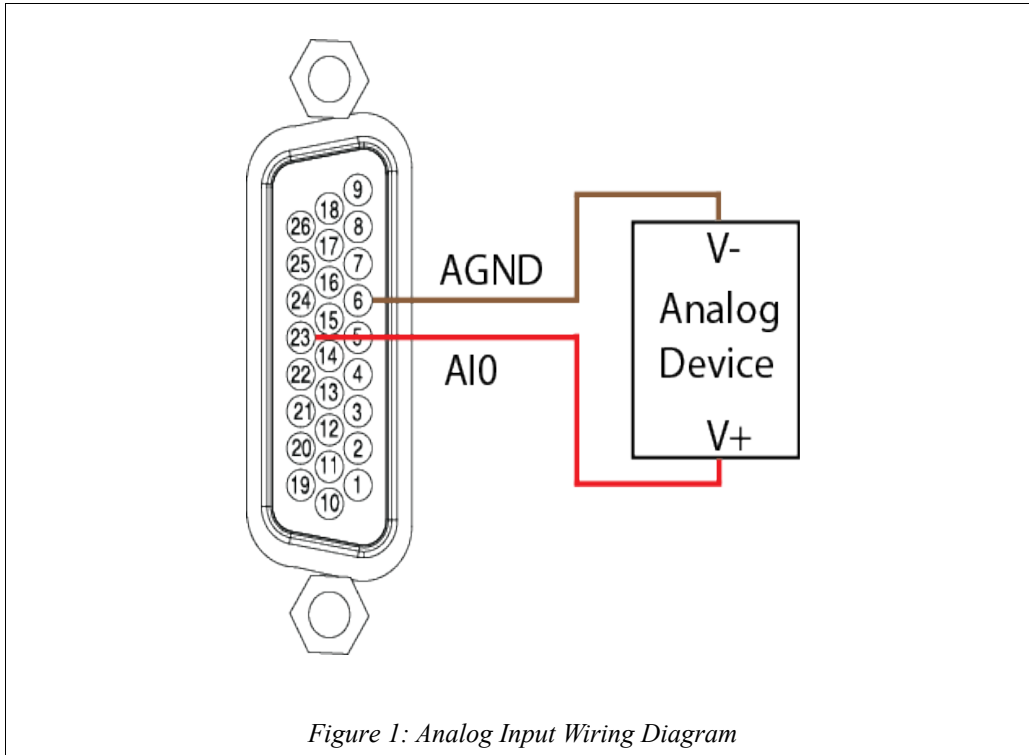
Analog 15 pin D-Sub Connector Pinouts:

Analog pinout

Pin	Label	Description
3	AI7	Analog Input 7
4	AI4	Analog Input 4
5	AI1	Analog Input 1
6	AGND	Analog Ground
9	AGND	Analog Ground
12	AGND	Analog Ground
13	AI5	Analog Input 5
14	AI2	Analog Input 2
15	AGND	Analog Ground
21	AI6	Analog Input 6
22	AI3	Analog Input 3
23	AI0	Analog Input 0

Electrical Specifications:

Analog Input Voltage Range: 0-5V or +/- 10 VDC depending on model.

For full pinout and electrical specifications see the RIO-47000 user manual