



PI-31001 PI-Bus Interface Card

Features:

- PI-4001 Replacement
- Programs 4000 Series Instrument Cards
- Requires One CPCI Slot

Applications:

- Series 4000 Instrument Control

Overview:

The Pulse Instruments PI-31001 PI-Bus Interface Card is designed to drive the PI-Bus from the CompactPCI® mainframe. It replaces the functionality of the PI-4001 Control Mainframe in a single CompactPCI card, thus permitting higher density, lower-cost integration of CompactPCI instruments and Pulse Instruments 4000 Series Instruments into your test system. The included control software utilizes the CompactPCI® CPU to interpret the Series 4000 commands to be sent over the PI-Bus via the PI-31001.

The PI-Bus Interface Card maintains the Optical isolation between the control unit and the instrument mainframe as in the PI-4001. This prevents the transfer of digital noise from the CompactPCI chassis to the instrument mainframes.

The PI-31001 can control up to seven PI-4002 Instrument Mainframes over a maximum cable length of 20 feet. The PI-Bus connector is for the shielded ribbon cable as used on the 40090-A-X interconnect cable.



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PI-Bus
Interface Card