

Keithley Instruments, Inc.  
28775 Aurora Road  
Cleveland, Ohio 44139  
1-888-KEITHLEY  
www.keithley.com

## GPIB Controller Interface Card Specifications

### BASIC SPECIFICATIONS

#### GPIB Bus Specifications:

- Up to 14 instruments connected
- Maximal 1.5MB/s data transfer rate
- Cable length:
  1. Two meters between each instrument (suggested)
  2. Twenty meters total cable length
- Data transfer mode: 8 bits parallel
- Handshake: 3-wire handshake; reception of each data byte is acknowledged

#### Compliance:

- EMC/EMI: CE, FCC Class A

#### Operating System:

- Microsoft® Windows® XP/2000/Vista

#### General Specifications:

- I/O connector: IEEE 488 standard 24-pin
- Operating temperature: 0°C to 55°C
- Storage temperature: -20°C to 80°C
- Relative humidity: 5% to 95%, non-condensing
- Power consumption @ +5.0V: 250mA (typical), 300mA (maximum)
- Dimensions: 120 mm x 64.5 mm (not including connectors)