
GPIB-USB-HS Specifications

2024-04-22



Contents

GPIB-USB-HS Specifications..... 3

GPIB-USB-HS Specifications

Definitions

Warranted specifications describe the performance of a model under stated operating conditions and are covered by the model warranty.

Characteristics describe values that are relevant to the use of the model under stated operating conditions but are not covered by the model warranty.

- **Typical** specifications describe the performance met by a majority of models.
- **Nominal** specifications describe an attribute that is based on design, conformance testing, or supplemental testing.

Specifications are **Typical** unless otherwise noted.

Performance

| GPIB | |
|--------|---------------------|
| 3-wire | up to 1830 kbytes/s |
| HS488 | up to 7230 kbytes/s |

Bus Interface

| | |
|---------------|---|
| Bus Connector | USB 3.0/2.0 hi-speed or 1.1 full-speed ¹ |
|---------------|---|

¹ The module READY LED lights amber when connected to a USB 3.0 or 2.0 port, and green when connected to a USB 1.1 port.

Power Requirements

USB bus-powered device

| | |
|-------------|----------------------------------|
| +5 V (VBUS) | 140 mA, Typical; 500 mA, Maximum |
|-------------|----------------------------------|

Physical Characteristics

| | |
|------------------|---|
| Dimensions | 10.7 cm × 6.6 cm × 2.6 cm (4.2 in. × 2.6 in. × 1.0 in.) |
| Weight | 180 g (6.3 oz), includes USB cable weight |
| Connector | |
| GPIO | IEEE 488 24-pin connector |
| USB | USB standard Type A plug |
| Jackscrew | |
| Thread | M3.5 × 0.6 |
| Torque | 0.56 N · m (5.0 lb · in.), maximum |

Environment

| | |
|-------------------------------|--|
| Operating ambient temperature | 0 °C to 55 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.) |
| Operating relative humidity | 10% to 90%, noncondensing (Tested in accordance with IEC 60068-2-56.) |

| | |
|-----------------------------|--|
| Storage ambient temperature | -20 °C to 70 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.) |
| Storage relative humidity | 5% to 95%, noncondensing (Tested in accordance with IEC 60068-2-56.) |