GPIB-ENET/1000 Specifications

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Contents

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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 1480 kbytes/s
HS488	up to 5600 kbytes/s

Power Requirements

+9-30 VDC	250 mA @ +12 V, Typical; 500 mA @ +12 V, Maximum

GPIB-ENET/1000 Pinout

Use the pinout to connect to terminals on the GPIB-ENET/1000.

Figure 1. GPIB-ENET/1000 Connector Pinout

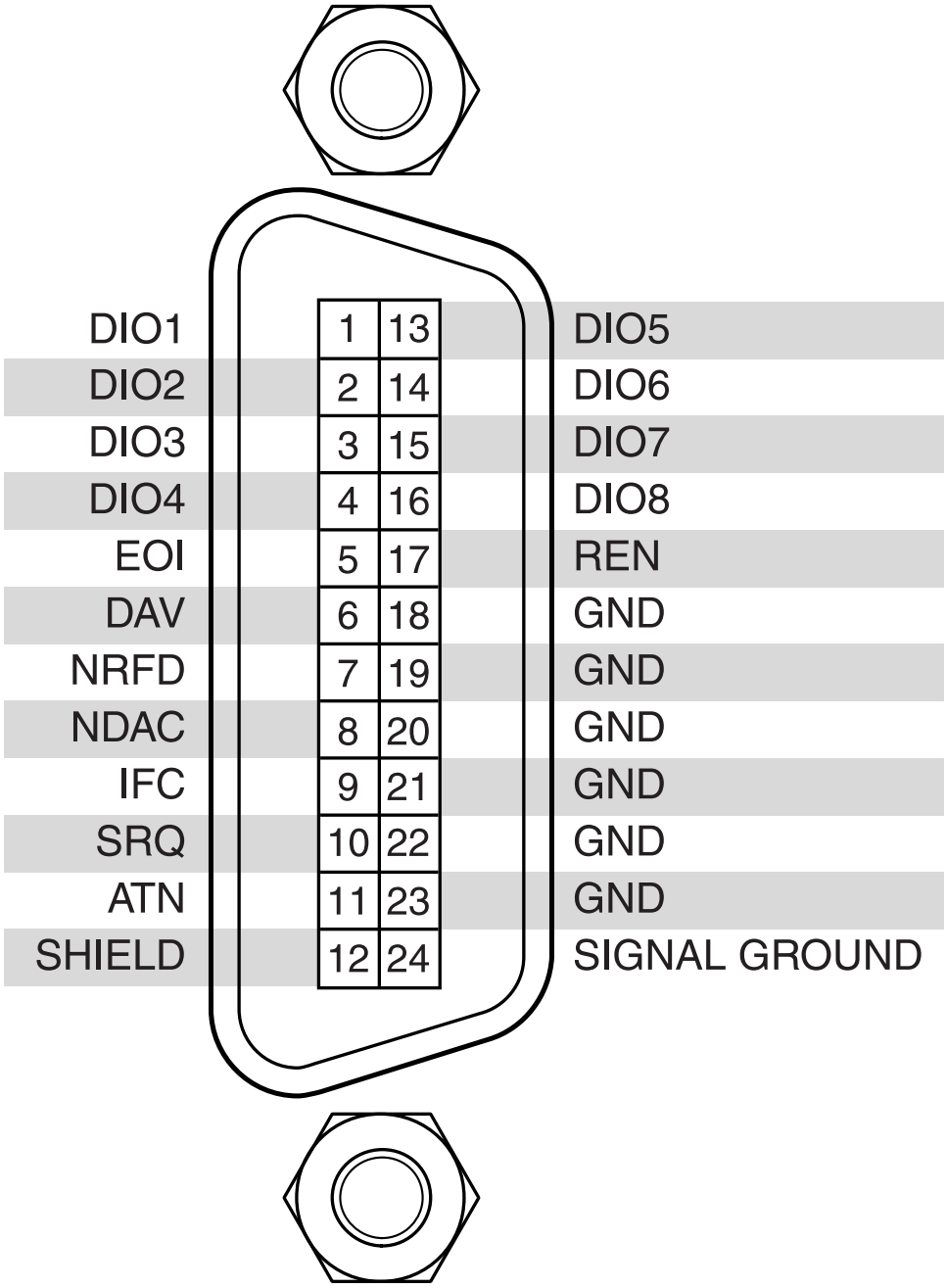

Table 1. Signal Descriptions

Signal	Terminal	Description
DIO1	1	Data Input/Output Bit.

Signal	Terminal	Description
DIO2	2	Data Input/Output Bit.
DIO3	3	Data Input/Output Bit.
DIO4	4	Data Input/Output Bit.
EOI	5	End-Or-Identify.
DAV	6	Data Valid.
NRFD	7	Not Ready For Data.
NDAC	8	Not Data Accepted.
IFC	9	Interface Clear.
SRQ	10	Service Request.
ATN	11	Attention.
SHIELD	12	Shield.
DIO5	13	Data Input/Output Bit.
DIO6	14	Data Input/Output Bit.
DIO7	15	Data Input/Output Bit.
DIO8	16	Data Input/Output Bit.
REN	17	Remote Enable.
GND	18	Ground—Wire twisted with DAV.
GND	19	Ground—Wire twisted with NRFD.
GND	20	Ground—Wire twisted with NDAC.
GND	21	Ground—Wire twisted with IFC.
GND	22	Ground—Wire twisted with SRQ.
GND	23	Ground—Wire twisted with ATN.
SIGNAL GROUND	24	Logic Ground.

Physical Characteristics

Dimensions	21.0 cm × 12.7 cm × 3.7 cm (8.3 in. × 5.0 in. × 1.4 in.)
Weight	394 g (13.9 oz)
Connector	
GPIB	IEEE 488 standard 24 pin
Ethernet	RJ-45 with integrated LEDs

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	-40 °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.)