

PEX-H432101P PCI Express Interface Module GP-IB

Base Specifications

Model type	PEX-H432101P
Bus Requirements	PCI Express™ Base Specification Rev. 1.0a x1
Number of slots	1 slot
Memory Size	8KB + 32 bytes + 16 bytes
Data transfer method	I/O transfer (memory mapped I/O), DMA transfer
Dimensions	106.68 (D) x 106.65 (H) [mm]
Weight	100g
Power Consumption	+3.3 Vdc (+/-0.3 V): 0.5A (typ.) +12 Vdc (+/-0.3 V): 0.2A (typ.)
Environmental conditions	Operating temperature: 0 deg C to 50 deg C Relative humidity: 20% to 90% (non-condensing)
Connector	CN1:IEEE488 connector
On-board connector	IEEE Std 488.1 or equivalent
Isolation	Optically isolated bus interface
Interrupt source	1 level
MTBF	362794 hrs.

GP-IB Specifications

Model type	PEX-H432101P
Number of channels	1 channel
GPIB compatibility	IEEE 488 compliant GPIB Interface
Signal line driver/receiver	75160 or equivalent (data lines) 75162 or equivalent (control lines)
Interface function	IEEE Std 488.1 fully compatible SH1, AH1, T5/TE5, L3/LE3, SR1, RL1, PP1/PP2, DC1, DT1, C1 through C5
LED	General purpose, GPIB access, and I/O access
Transfer protocol	8-bit parallel, 3-wire handshake
Maximum transfer rates*	1.1MB/s (max.)
Maximum data transfer length	Total cable length: less than or equal to 20 m Each cable assembly: less than or equal to 4 m
Number of devices	15 (max.)

Note: * Actual transfer rates depend on your system configurations and instruments on the GPIB.



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