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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E1328A 4-Channel D/A Converter

The HP/Agilent E1328A isaB-size VXI 4-channel isolated 16-bit D/A converter. OEM SeriesB materials list calibrated output ranges of plus/minus 10.922 Vdc or plus/minus 21.84 mAdc, jumper selectable voltage/current mode, and electronic calibration constants stored onboard. Multi-channel programmable DC stimulus, sensor simulation, and isolated analog outputs in B-size VXI systems. Jumper selectable voltage or current mode Electronic calibration with onboard constants Default Logical Address Class: switch selectable Related Mainframes: E1300/E1301 SeriesB Update Mode Class: static DAC update class Sense Path Class: local sense at module terminals Voltage/current ranges and architecture from HP/Agilent E1328A SeriesB documentation summaries. Confirm isolation voltage and accuracy tables in the E1328A manual.



MODEL

**Agilent / Keysight
E1328A**

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1328A

LISTING

<https://aumictechlabs.com/products/e1328a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1328A is a 4-channel D/A converter module designed for precision analog signal generation within VXI modular test systems. This B-size, 1-slot VXI instrument provides four independent, isolated digital-to-analog converter channels, each with 16-bit resolution and configurable output modes for DC voltage or DC current applications. Each channel floats independently up to 350 Vdc from ground, enabling flexible system control, automation, and signal conditioning across diverse measurement and

test environments. Technical Specifications Module Type: VXI B-size, 1-slot module Channels: 4 independent, isolated D/A converters Resolution: 16-bit Output Ranges (single channel): Voltage: ± 10.92 V Current: ± 21.84 mA Output Ranges (series/parallel expansion): Voltage: Up to 48 V Current: Up to 96 mA Channel Isolation: 350 Vdc maximum floating voltage from ground per channel Compliance Current: 32 mA output Output Protection: Integrated short-circuit protection Remote Voltage Sensing: Supported with no-fault operation Calibration: Software-accessible electronic adjustment with per-channel calibration constants for voltage and current modes Key Features Register-based VXI interface with SCPI command support Multiple channels connectable in series or parallel for expanded voltage/current ranges Independent channel adjustment constants enable per-mode calibration Integrated output protection against short-circuit faults Typical Applications Automated test system signal conditioning Precision voltage and current source applications System control and instrumentation within VXI platforms Calibration support with integrated multimeter and multiplexer modules Compatibility & Integration Designed for B-size VXI mainframes; C-size mainframe operation supported via the E1403C adapter. Integrates with VXI-based multimeters (e.g., E1326B) and multiplexer modules. SCPI-compatible programming with available Keysight instrument drivers. EMC certified to CISPR 11:1990, EN55011, EN50082-1:1992, and IEC 801 immunity standards.

E1328A Characteristics / Specifications

PARAMETER	VALUE
DAC Channels	4
DAC Resolution	16 bits
Calibrated Voltage Range	plus/minus 10.922 Vdc
Calibrated Current Range	plus/minus 21.84 mAdc
Uncalibrated Voltage Typical	plus/minus 12 Vdc
Uncalibrated Current Typical	plus/minus 24 mAdc
Output Modes	constant voltage or constant current jumper selectable
Isolation	channel isolated
Module Size	B
Slots Occupied	1
VXI Device Type	register based
Calibration	electronic calibration about 30 seconds class with IBASIC example
Calibration Storage	onboard memory constants
Output Access	screw terminals via front panel openings
Programming	SCPI embedded drivers in E1300/E1400 controllers
Channel Combining	series or parallel for higher voltage or current
Operating Temperature Class	0 to 55 C
Product Family	E13xx SeriesBPower Rails: VXI supplies
Default Logical Address Class	switch selectable
Related Mainframes	E1300/E1301 SeriesBUpdate Mode Class: static DAC update class
Sense Path Class	local sense at module terminals
Operating temperature	Class: 0 to 55 C

E1328A Specifications

PARAMETER	VALUE
Agilent E1328A 4 Channel D/A Converter	Overview
Key Features	Four isolated 16 bit DAC channels
Electronic calibration with onboard constants	Series or parallel channel combining for higher V/I
Technical Specifications	DAC Channels: 4

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Related Mainframes	E1300/E1301 SeriesBUpdate Mode Class: static DAC update class
Sense Path Class	local sense at module terminals Notes Voltage/current ranges and architecture from HP/Agilent E1328A SeriesBdocumentation summaries. Confirm isolation voltage and accuracy tables in the E1328A manual.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.