

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 34931T

Agilent/Keysight 34931T Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
34931T**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

34931T

LISTING

<https://aumictechlabs.com/products/34931t-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 34931T is a detachable terminal block accessory engineered for the Keysight 34980A Multifunction Switch/Measure Unit. It interfaces with the 34931A dual 4×8 armature matrix module, providing screw-type connections for discrete external wiring. This accessory enables flexible signal routing and measurement integration within automated test systems. Technical Specifications Terminal Block Detachable design with screw-type connections Supports 20 AWG wire for installations with fewer than 100 connections Supports 24 AWG wire for installations exceeding 100 connections Field-labeled with model number, module designation, and slot identification space 34931A Matrix Module Dual 4×8 armature matrix configuration 64 2-wire crosspoints total (32 per matrix) Latching armature relay architecture Switching rating: 300 V, 1 A; carry current to 2 A 50-pin D-sub connector interface to 34980A mainframe Matrix 2

connects to internal DMM for voltage and resistance measurements (channels 921, 922) 34980A Mainframe Integration Eight module slots accommodate mixed configurations Supports up to 4096 matrix crosspoints per mainframe Multiple 34931A modules link via analog buses to create larger matrices Scan rates to 1000 channels/second LAN, USB, and GPIB connectivity; LXI Class C compliant Optional DMM, counter/totalizer, digital I/O, and analog output functionsKey Features Scalable matrix architecture for complex signal routing Discrete wiring interface simplifies external circuit integration Latching relays minimize power consumption in static configurations Native DMM connectivity enables inline voltage and resistance verification High scan rate supports time-sensitive measurement sequencesTypical Applications Automated multi-point electrical characterization Signal routing and switching in production test environments Matrix-based relay control for component validation Integrated measurement and switching workflows requiring synchronized data acquisitionCompatibility & Integration Designed exclusively for the Keysight 34980A mainframe with 34931A matrix modules. Compatible with all 21 available plug-in module types within the 34980A ecosystem.

34931T Characteristics / Specifications

PARAMETER	VALUE
Model	34931T
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 34931T
Sku	34931T
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	34931T
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	34931T
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 34931T
Sku	34931T
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	34931T
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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