

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U2901A

Agilent/Keysight U2901A 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
U2901A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U2901A

LISTING

<https://aumictechlabs.com/products/u2901a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight U2901A is a terminal block and SCSI-II 68-pin connector accessory module that extends digital input/output connectivity for USB Modular Data Acquisition devices. Designed for the U2300A and U2500A series, it ships with a 1-meter cable and delivers isolated channel architecture to eliminate ground loops and voltage spikes. Pin configurations and electrical behavior are determined by the host DAQ unit; operational details are contained in the documentation of the connected device. Technical Specifications Connector Type: SCSI-II 68-pin Interface: Terminal block Cable Length: 1 meter Channel Architecture: Isolated channels Compliance: RoHS compliant, RoHS phthalates compliant, no SVHC detected (January 17, 2023) Key Features Isolated channel design prevents ground loop formation and transient voltage spikes Terminal block configuration supports direct external device connection SCSI-II connector

ensures reliable signal integrity Fixed 1-meter cable length for standard deployment distances

Typical Applications Digital I/O expansion for modular DAQ systems External device interfacing in multifunction data acquisition setups Industrial measurement environments requiring channel isolation Ground loop mitigation in mixed-signal test applications

Compatibility & Integration The U2901A integrates with Keysight U2300A Series USB Modular Multifunction Data Acquisition devices and U2500A Series USB Modular Simultaneous Sampling Multifunction Data Acquisition devices. Electrical specifications, pin assignments, and operational parameters vary based on the host DAQ module. Refer to the user manual and datasheet of your connected U2300A or U2500A series device for complete configuration information. Notice: The U2901A reached end-of-life on May 31, 2024. Standard 5-year product support continues from discontinuation date.

U2901A Characteristics / Specifications

PARAMETER	VALUE
Model	U2901A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U2901A
Sku	U2901A
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	U2901A
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	U2901A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U2901A
Sku	U2901A
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	U2901A
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>

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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.