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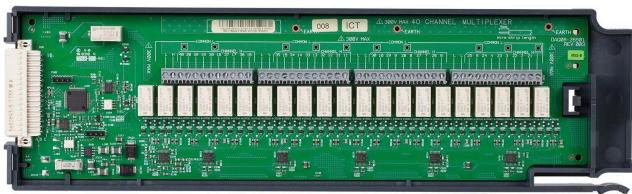
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight DAQM908A

Agilent Keysight DAQM908A 40 Channel Single Ended Multiplexer Module The Keysight DAQM908A is a 40-channel single-ended armature multiplexer for DAQ970A/DAQ973A. OEM tables list common-low one-wire switching, 100 channels per second scan rate, and 300 V / 1 A ratings for high channel-count single-ended scanning. Dense single-ended voltage and temperature scans where common low wiring is acceptable and channel count per slot must be maximized. Higher channel density than 20-channel mux modules The Keysight DAQM908A is a 40-channel single-ended armature multiplexer for DAQ970A/DAQ973A. OEM tables list common-low one-wire switching, 100 channels per second scan rate, and 300 V / 1 A ratings for high channel-count single-ended scanning. Dense single-ended voltage and temperature scans where common low wiring is acceptable and channel count per slot must be maximized. Higher channel density than 20-channel mux modules Instrument Type: single ended armature multiplexer module

**MODEL****Agilent / Keysight
DAQM908A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****DAQM908A****LISTING**<https://aumictechlabs.com/products/daqm908a-2/>

NIST-traceable cal

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30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight DAQM908A is a 40-channel single-ended multiplexer module that routes one-wire inputs to the internal DMM of DAQ970A and DAQ973A mainframes. Built for high-density switching in common-low applications, it enables rapid channel scanning and floating-low

operation essential for battery testing and component characterization. Two-wire measurements are supported for all measurement types except current.

Technical Specifications

Channels: 40 one-wire inputs

Switching Architecture: Single-wire switching with floating low connection

Scan Rate: Up to 100 channels/second

Maximum Switching Voltage: 300 V

Current Rating: 1 A

Low Connection Isolation: Floats up to 300 V from earth ground

Measurement Capability: Two-wire support for all types except current; 2-wire RTD and Thermistor temperature sensors only

Weight: Approximately 0.5 kg

Key Features

Isolated, floating low connection rated to 300 V enables common-low measurement configurations

High scan throughput supports large-scale multiplexing tasks

Two-wire measurement flexibility across voltage, resistance, and temperature domains

Direct integration with DAQ97x series instrumentation

Typical Applications

Battery testing and characterization

Component parameter verification

Multi-channel benchtop measurements

High-density switching environments

Compatibility & Integration

The DAQM908A operates exclusively with Keysight DAQ970A and DAQ973A Data Acquisition/Switch Unit mainframes. It is not compatible with legacy 34970A and 34972A models. Each module ships with one functional test certificate.

DAQM908A Characteristics / Specifications

PARAMETER	VALUE
Model	DAQM908A
Instrument Type	single ended armature multiplexer module
Mainframe Compatibility	DAQ970A and DAQ973A
Channel Count	40 single ended
Relay Type	1-wire armature common low
Scan Rate	100 channels per second
Maximum Switching Voltage	300 V
Maximum Switching Current	1 A
Contact Configuration	1 contact per channel
Wiring Mode	single ended common low
Form Factor	DAQ97 plug-in module
Slot Occupancy	1 module slot
Series Family	Keysight DAQM90x
Related Modules	DAQM901A DAQM900A
Maximum One Wire Channels Per System	120 with three modules
Operating Temperature Class	0 C to 55 C mainframe ambient
Power Source	powered by DAQ97 mainframe
Use Case	high density single ended scanning
Isolation Path	routes to internal DMM analog bus
Four Wire Support	not applicable single ended design
Manufacturer	Keysight Technologies
Scan Rate Versus DAQM901A	higher channel count lower ch/s class tradeoff
Operating temperature	Class: 0 C to 55 C mainframe ambient

DAQM908A Specifications

PARAMETER	VALUE
Applications	Dense single-ended voltage and temperature scans where common low wiring is acceptable and channel count per slot must be maximized.
Common low armature switching	Higher channel density than 20-channel mux modules
Technical Specifications	Model: DAQM908A
Notes	Rows from Keysight DAQ970A/DAQ973A module tables for DAQM908A 40-channel single-ended multiplexer.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 C to 55 C mainframe ambient
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Isolation Path	routes to internal DMM analog bus
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Manufacturer	Keysight Technologies
Scan Rate Versus DAQM901A	higher channel count lower ch/s class tradeoff Notes Rows from Keysight DAQ970A/DAQ973A module tables for DAQM908A 40-channel single-ended multiplexer.

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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Rows from Keysight DAQ970A/DAQ973A module tables for DAQM908A 40-channel single-ended multiplexer.	

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.