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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N1413A

Keysight N1413A Interlock Cable for B2980 Series Electrometers The Keysight N1413A is the interlock cable accessory for B2980/B2985/B2987 electrometer/high-resistance meter family. OEM B2980 accessory lists describe N1413A as the interlock cable that disables high-voltage output whenatest fixture lid or interlock loop is open. Safety interlock of B2980-series high-resistance/electrometer measurements in shielded fixtures. Safety accessory for high-resistance meters The Keysight N1413A is the interlock cable accessory for B2980/B2985/B2987 electrometer/high-resistance meter family. OEM B2980 accessory lists describe N1413A as the interlock cable that disables high-voltage output whenatest fixture lid or interlock loop is open. Safety interlock of B2980-series high-resistance/electrometer measurements in shielded fixtures. Safety accessory for high-resistance meters Host Instruments: B2980 B2985 B2987 electrometer / high resistance meter family



MODEL

**Agilent / Keysight
N1413A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N1413A

LISTING

<https://aumictechlabs.com/products/n1413a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N1413A is a high resistance meter fixture adapter that converts connections for high resistance meter accessories and enables control by Keysight B2980B series electrometers. It accommodates three cables from accessories including the N1424, N1425, N1427, and N1428, providing direct integration with B2985B and B2987B electrometers as well as B2980A series instruments. The adapter features triaxial input connectors, high voltage output/ground

connections, and a 6-pin mini plug (BNC, special type) interlock connector with a 4-pin terminal plug for secure interlock connection. A manual switch allows selection between floating or grounded DUT configurations, enabling flexible test setup options for precision high resistance measurements. The white polymer housing measures 405 × 260 × 100 mm and weighs 0.668 kg including packaging. Signal integrity and accurate data acquisition are maintained through purpose-built connector design, making the N1413A essential for laboratory and research environments performing exacting resistance and insulation measurements.

Technical Specifications
Product Type: High Resistance Meter Fixture Adapter
Manufacturer: Keysight Technologies
Input Connector: Triaxial (special screw-type)
Output/Ground Connector: High Voltage Interlock Connector: 6-pin mini plug (BNC, special type)
Terminal Plug: 4-pin for interlock connection
DUT Configuration: Manual switch - floating or grounded selection
Dimensions: 405 × 260 × 100 mm
Weight: 0.668 kg (including package)
Color: White
Origin: Malaysia

Key Features
Converts connections for multiple high resistance meter accessories
Supports three simultaneous cable connections
Manual DUT configuration switch for floating or grounded operation
4-pin terminal plug ensures secure interlock connections
Compact white housing optimized for bench integration

Typical Applications
Resistivity measurements of insulating materials
High resistance and leakage current characterization
Precision electrometer-based test systems
Laboratory and research resistance measurement setups

Compatibility & Integration
Electrometers: B2980B series (B2985B, B2987B), B2980A series, B2985A, B2987A
Accessories: N1424, N1425, N1427, N1428, 16008B

N1413A Characteristics / Specifications

PARAMETER	VALUE
Model	N1413A
Instrument Type	Interlock cable
Host Instruments	B2980 B2985 B2987 electrometer / high resistance meter family
Function	high voltage interlock
Manufacturer	Keysight Agilent
Form Factor	interlock cable
Literature	B2980 accessory list N1413A
Use Case	disable HV when fixture open
Connector Instrument	B2980 interlock connector
Connector Fixture	interlock loop / lid switch
Safety	HV inhibit
Operating Temperature Class	indoor bench
Related Fixtures	N141x high resistance fixtures
Related Meters	B2981 B2983 B2985 B2987
Length	accessory cable
Voltage	interlock loop low voltage
Polarity	keyed interlock
Storage	with B2980 accessories
Compliance	host instrument safety interlock
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: indoor bench

N1413A Specifications

PARAMETER	VALUE
Applications	Safety interlock of B2980-series high-resistance/electrometer measurements in shielded fixtures.
Key Features	Interlock cable for B2980 family
Opens HV when interlock is broken	Works with B2985A/B2987A class
Technical Specifications	Model: N1413A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: indoor bench
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Operating Temperature Class	indoor bench
Related Fixtures	N141x high resistance fixtures
Related Meters	B2981 B2983 B2985 B2987
Length	accessory cable
Voltage	interlock loop low voltage
Polarity	keyed interlock
Storage	with B2980 accessories
Compliance	host instrument safety interlock
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Keysight B2980-series accessory listings for N1413A interlock cable. Maximum source voltage remains that of the B2980 model; N1413A only provides the interlock path.

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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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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.