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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight PX0102A

Agilent Keysight PX0102A PXI / PXIe module Queue model PX0102A is the Keysight PX0102A remaining-queue PXI / PXIe module (title Agilent/Keysight PX0102A). Sibling remaining-queue SKU PX0104A isadifferent configurator already identified in this catalog set. Exact function, channels, and connector are on the PX0102A drawing and are not invented here. PXI/PXIe chassis setups that specify PX0102A. Keysight PX0102A remaining-queue PXI / PXIe module Queue model PX0102A is the Keysight PX0102A remaining-queue PXI / PXIe module (title Agilent/Keysight PX0102A). Sibling remaining-queue SKU PX0104A isadifferent configurator already identified in this catalog set. Exact function, channels, and connector are on the PX0102A drawing and are not invented here. PXI/PXIe chassis setups that specify PX0102A. Keysight PX0102A remaining-queue PXI / PXIe module Manufacturer: Hewlett Packard / Agilent / Keysight



MODEL

**Agilent / Keysight
PX0102A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

PX0102A

LISTING

<https://aumictechlabs.com/products/px0102a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight PX0102A is a low-noise triaxial cable engineered for precision current measurements at extreme sensitivity levels. It enables AC and DC current measurement down to sub-fA resolution, making it the preferred choice for applications where signal fidelity and noise rejection are non-negotiable. The cable's triaxial construction and low-noise design establish a

foundation for high-precision transient capture and detailed analysis of minimal current signals in demanding measurement environments.

Technical Specifications

Measurement capability: AC and DC current, sub-fA level sensitivity

Cable type: Triaxial

Construction: Low-noise design

Available lengths: 1.5 m (PX0102A-001) and 3.0 m (PX0102A-002)

Key Features

Triaxial geometry minimizes radiated and conducted noise in sensitive measurement circuits

Sub-fA measurement resolution enables detection of ultra-low current transients

Dual-length options accommodate both bench-top and distributed test setups

Low-noise construction supports both AC and DC signal integrity across the measurement bandwidth

Typical Applications

Precision low-current measurements in research and development environments

Power analysis requiring detection of minimal current signals

Transient signal capture in sensitive electronic systems

Compatibility & Integration

The PX0102A integrates directly with Keysight measurement instruments, including the M9601A and PZ2100A systems. Cable length selection should account for test setup geometry and signal routing requirements. Procurement through Keysight Online Sales and authorized distribution partners ensures compatibility verification and application-specific guidance.

PX0102A Characteristics / Specifications

PARAMETER	VALUE
Model	PX0102A
Instrument Type	PXI / PXIe module
Manufacturer	Hewlett Packard / Agilent / Keysight
Literature	HP/Agilent/Keysight PX0102A remaining-queue listing
Family	Keysight PX0102 class
Form Factor	PXI / PXIe module
System Role	PXI / PXIe module
Brand Lineage	HP / Agilent / Keysight
Queue Title	Agilent/Keysight PX0102A
Documentation Type	OEM PX0102A listing
Use Case	PXI/PXIe chassis setups that specify PX0102A
Vendor Path	HP / Agilent / Keysight
Year Class	PX0102A generation
Application Class	PXI / PXIe module
Module Class	PXI / PXIe module
Host Class	PXI/PXIe chassis
Connector Class	connectors on the PX0102A drawing
Ate Class	PXI / PXIe module
Control Class	PX0102A firmware / host driver
Environment Class	host ambient
Mains Class	powered by host
Voltage Class	volts on the PX0102A sheet
Current Class	amperes on the PX0102A sheet
Sibling	PX0104A isadifferent remaining-queue configurator

PX0102A Specifications

PARAMETER	VALUE
Agilent Keysight PX0102A PXI / PXIe module	Overview
Applications	PXI/PXIe chassis setups that specify PX0102A.
Key Features	Keysight PX0102A remaining-queue PXI / PXIe module
Technical Specifications	Model: PX0102A
Notes	From remaining-queue title Agilent/Keysight PX0102A. Function and connector are on the PX0102A drawing. PX0104A is a different SKU.

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

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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<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.