

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

FUJI ELECTRIC

Fuji Electric PXZ4 Digital Temperature Controller

The Fuji Electric PXZ4-SDY2-5V is a compact and versatile temperature controller designed for a wide range of industrial applications. It features a clear digital display, easy-to-use programming interface, and reliable performance. The controller supports various input types, including thermocouples and RTDs, and offers multiple control outputs for precise temperature management. Its auto-tuning function simplifies setup, while its solid design ensures long-term stability and accuracy in demanding environments.

**MODEL****Fuji Electric PXZ4-SDY2-5V****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****PXZ4-SDY2-5V****LISTING**<https://aumictechlabs.com/products/pxz4-sdy2-5v-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fuji Electric PXZ4-SDY2-5V temperature controller is engineered for precise and reliable temperature control in industrial settings. This model features a digital display for easy monitoring and adjustment of temperature settings. It supports a variety of temperature sensors, including thermocouples (K, J, R, S, B, E, T, N, W) and RTDs (PT100, JPt100), providing flexibility for different applications. The controller offers multiple output options such as relay, voltage pulse, and current, allowing for seamless integration with various control elements. The auto-tuning function automatically optimizes control parameters for stable and accurate temperature

regulation. Additional features include alarm functions, communication options (e.g., RS-485), and a compact design for easy installation in control panels and equipment.

Features & description

From manufacturer datasheet

Fuji Electric PXZ4-SDY2-5V — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Fuji Electric PXZ4-SDY2-5V. Calibration covers I/O channel accuracy per specification, analog output and input calibration to rated accuracy, and functional communication interface test (serial, Ethernet, fieldbus). All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Common Fuji Electric PXZ4-SDY2-5V faults: blown I/O fuses, failed analog modules, power supply capacitor failure. Common faults include blown I/O protection fuses, failed analog I/O modules, power supply capacitor failure, and serial or Ethernet communication port damage. [Request Calibration](#) → [Request Repair Quote](#) →

Fuji Electric PXZ4-SDY2-5V price

This Fuji Electric PXZ4-SDY2-5V is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Fuji Electric PXZ4-SDY2-5V calibration cost

NIST-traceable calibration for the Fuji Electric PXZ4-SDY2-5V is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers I/O channel accuracy per specification, analog output and input calibration to rated accuracy, and functional communication interface test (serial, Ethernet, fieldbus). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Unit notes

The Fuji Electric PXZ4-SDY2-5V temperature controller is engineered for precise and reliable temperature control in industrial settings. This model features a digital display for easy monitoring and adjustment of temperature settings. It supports a variety of temperature sensors, including thermocouples (K, J, R, S, B, E, T, N, W) and RTDs (PT100, JPt100), providing flexibility for different applications. The controller offers multiple output options such as relay, voltage pulse, and current, allowing for seamless integration with various control elements. The auto-tuning function automatically optimizes control parameters for stable and accurate temperature regulation. Additional features include alarm functions, communication options (e.g., RS-485), and a compact design for easy installation in control panels and equipment.

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.

The Fuji Electric PXZ4-SDY2-5V is a compact and versatile temperature controller designed for a wide range of industrial applications. It features a clear digital display, easy-to-use programming interface, and reliable performance. The controller supports various input types, including thermocouples and RTDs, and offers multiple control outputs for precise temperature management. Its auto-tuning function simplifies setup, while its solid design ensures long-term stability and accuracy in demanding environments.

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Common Fuji Electric PXZ4-SDY2-5V faults: blown I/O fuses, failed analog modules, power supply capacitor failure. Common faults include blown I/O protection fuses, failed analog I/O modules, power supply capacitor failure, and serial or Ethernet communication port damage.

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Fuji Electric PXZ4-SDY2-5V – Repair & Calibration Service

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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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
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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.