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**Data Sheet**

August 2, 2026

FUJI ELECTRIC

## Fuji Electric PYZ4 Temperature Controller

Fuji Electric PYZ4 Temperature Controller The Fuji Electric PYZ4 is a compact 48 × 48 mm digital temperature (micro) controller in the discontinued PYZ Z-series (PYZ4 / PYZ5 / PYZ7 / PYZ9). It provides PID control with auto-tuning, adjustable set value (SV), and fault indication on a 7-segment LED display. Input and output options are configuration-dependent (thermocouple, RTD, voltage/current inputs; relay, SSR, or analog outputs). The PYZ4 was discontinued about September 1997; Fuji cites PXF4 as a successor form-factor replacement. Exact I/O codes are encoded in the full model string (e.g. PYZ4-TAY1-5V class examples). The Fuji Electric PYZ4 is a compact 48 × 48 mm digital temperature (micro) controller in the discontinued PYZ Z-series (PYZ4 / PYZ5 / PYZ7 / PYZ9). It provides PID control with auto-tuning, adjustable set value (SV), and fault indication on a 7-segment LED display. Input and output options are configuration-dependent (thermocouple, RTD, voltage/current inputs; relay, SSR, or analog outputs). The PYZ4 was discontinued about September 1997; Fuji cites PXF4 as a successor form-factor replacement. Exact I/O codes are encoded in the full model string (e.g. PYZ4-TAY1-5V class examples). Panel temperature control for heaters and ovens; process temperature PID loops in machinery; retrofit of legacy 48 mm DIN temperature controllers.



MODEL

**Fuji Electric PYZ4**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**PYZ4**

LISTING

<https://aumictechlabs.com/products/pyz4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

**This unit**

The Fuji Electric PYZ4 temperature controller is engineered for accurate and dependable temperature management. Its intuitive design simplifies setup and operation, while its solid construction ensures long-term reliability. Ideal for a wide range of applications, this controller provides precise temperature control to optimize processes and maintain consistent results.

## Features & description

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From manufacturer datasheet

### Features

- 48 × 48 mm front panel (1/16 DIN class)
  - Digital PID temperature control with auto-tuning
  - 7-segment LED / 4-digit display class
  - Configurable sensor inputs (thermocouple / other per option code)
  - Control outputs: contact, SSR drive, or analog per option
  - Alarm options per configuration
- Discontinued; successor family PXF4

# PYZ4 Characteristics / Specifications

| PARAMETER        | VALUE                                                                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | PYZ4                                                                                                                                                                                                                                                            |
| Manufacturer     | Fuji Electric                                                                                                                                                                                                                                                   |
| Series           | PYZ Micro ControllerZSeries                                                                                                                                                                                                                                     |
| Instrument Type  | Digital temperature / PID controller                                                                                                                                                                                                                            |
| Front Panel Size | 48 × 48 mm                                                                                                                                                                                                                                                      |
| Display          | 7-segment LED, about 4 digits                                                                                                                                                                                                                                   |
| Control          | PID with auto-tuning; reverse/direct action per configuration                                                                                                                                                                                                   |
| Power Supply     | typically universal AC class – confirm from faceplate                                                                                                                                                                                                           |
| Status           | Discontinued (Sep 1997 class); replacement PXF4 Standard Operating Conditions Wire sensor and load per the terminal diagram for the exact option code. Observe isolation and load ratings for relay/SSR outputs. Allow warm-up before quoting control accuracy. |
| Control outputs  | contact, SSR drive, or analog per option                                                                                                                                                                                                                        |

# PYZ4 Specifications

| PARAMETER                                 | VALUE                                     |
|-------------------------------------------|-------------------------------------------|
| Fuji Electric PYZ4 Temperature Controller | Overview                                  |
| Key Features                              | - 48 × 48 mm front panel (1/16 DIN class) |
| Technical Specifications                  | Model: PYZ4                               |

# 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

| PARAMETER        | VALUE                                                         |
|------------------|---------------------------------------------------------------|
| Model            | PYZ4                                                          |
| Manufacturer     | Fuji Electric                                                 |
| Series           | PYZ Micro ControllerZSeries                                   |
| Instrument Type  | Digital temperature / PID controller                          |
| Front Panel Size | 48 x 48 mm                                                    |
| Display          | 7-segment LED, about 4 digits                                 |
| Control          | PID with auto-tuning; reverse/direct action per configuration |

Example Configuration (PYZ4-TAY1-5V dealer listing): thermocouple input (C); contact reverse-action PID; 1-5 VDC related I/O; 4-20 mA class options on related codes; power about 85-265 VAC 50/60 Hz  
Power Supply: typically universal AC class - confirm from faceplate  
Status: Discontinued (Sep 1997 class); replacement PXF4

Standard Operating Conditions  
Wire sensor and load per the terminal diagram for the exact option code. Observe isolation and load ratings for relay/SSR outputs. Allow warm-up before quoting control accuracy.

Operational Notes  
Read the full option string on the side label (input type, output type, power, options). Do not assume thermocouple vs RTD without the code. Manual reference: Fuji INP-TN2PYZDe-E (PYZ 4/5/7/9).

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto: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.