



1/8 DIN, DC Power, 0 to 10 VDC PID Controller

Item number: PXU400C0

The PXU 1/8 DIN, DC Power, 0 to 10 VDC PID Controller is simple to program with a large, easy to read display that's easy to mount in small areas. Dependable operation in industrial environments. Give your operation full confidence with industry-leading PID control for a range of applications.



A PID controller for basic needs with universal input capability

Features and benefits

✓ PID control you can count on

Reliable PID control for a range of basic to advanced requirements. Suitable for simple on/off applications or for scenarios requiring full PID control.

✓ Main Control

0 to 10 VDC

✓ Universal input capability

Get input and display data easily from pressure transducers, flow meters, current transducers, RTDs and thermocouples. Select input with front panel push buttons or using Crimson configuration software.

✓ Performance indicators and alerts

Extend performance visibility by enabling status indicators. Configurable for alarm requirements, control features and temperature.

✓ Compact packaging

Economize space with 1/8 DIN packaging designed for areas with reduced depth.

✓ Protected dual line display for easy readability

Dual line display with 4 digits on each line. Large enough for operators to read at a distance. Front panel is dust-proof with IP65 protection.

✓ Simple programming with Crimson® configuration software

Program multiple units easily with Crimson. No-nonsense configuration is fast and simple through checkboxes and numerical entries.

✓ Runs on DC power

24 V



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| General | |
|-----------------------------------|---|
| Net Weight (g) | 454 |
| Packed Weight (g) | 454 |
| Operating Temperature °C Min | 0 |
| Operating Temperature °C Max | 50 |
| Storage Temperature °C Min | -20 |
| Storage Temperature °C Max | 65 |
| Relative Humidity | 80% max relative humidity (non-condensing) from 0 °C to 50 °C |
| Input Voltage (V) | 24 V |
| Maximum Installation Altitude (m) | 2000 |
| Mounting | Panel mount |
| Panel Cut-Out Dimensions | 1.76" (44.5 mm) x 3.6" (91.5 mm) |
| Housing Materials | Plastic |
| Front Sealing | IP65 requirements for indoor use |
| Packaging Material | Cardboard |
| Warranty (years) | 2 |
| Identification and Status | |
| Product ID | PXU400C0 |
| Country of Origin | Taiwan (Province of China) |
| HS Code | 9032890090 |
| Dual Usage | No |



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Physical Features

| | |
|-----------------------------|----------|
| Connectors / Input / Output | Terminal |
| SD Card Slot | No |
| Flash Drive | No |
| Contains Battery | No |

Display Features

| | |
|----------------|--|
| Display Size | Line 1 - 0.47" (12 mm); Line 2 - 0.47" (12 mm) |
| Display Type | LCD |
| Backlight Type | Orange and Green |

Certifications and Standards

| | |
|---------------------|--|
| Protection Class IP | IP65 |
| RoHS Compliant | Yes |
| CE | Yes |
| FCC | No |
| UKCA | Yes |
| UL | Yes |
| ATEX | No |
| DNV | No |
| KC | No |
| Vibration and Shock | Shock: Operational 30 g; Vibration: Operational 10 to 55 Hz, 1 g |