RedLion®
BY HMS NETWORKS

1/8 DIN, AC Power, 4 to 20 mA PID Controller

Item number: PXU30030

The PXU 1/8 DIN, AC Power, 4 to 20 mA 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

4 to 20 mA

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 AC power

100 to 240 VAC

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General

Net Weight (g)	221.1261
Packed Weight (g)	221.1261
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
Power Consumption (W)	8
Input Voltage (V)	100 to 240 VAC
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	PXU30030
Country of Origin	Taiwan (Province of China)
HS Code	9032890090

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Identification and Status

Dual Usage	No

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