

# Honeywell



*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

## UDC3200

**UDC3200 Controller, 1/4 DIN, 0.20 % accuracy, universal inputs, accutune III, heat/cool, timer, auxiliary output, relay, linear output, ethernet/modbus communications, infrared pc and pocket PC configuration**

### Features

- Enhanced 7-character Display
- Accutune III
- 2 Universal Input and One High Level Input
- 0.20 % Accuracy
- Fast scan rate (166 ms)
- Up to 5 Analog or Digital Outputs
- Up to 4 Output Relays
- 2 Digital Inputs
- Ethernet and Modbus Communications
- Infrared PC and Pocket PC Configuration
- Math Functions
- 3 Local Setpoints
- Position Proportional Control with Feedback Slidewire
- NEMA 4X, IP65 Front Face Protection
- Multilanguage Prompts
- Jumper Free Configuration
- Thermocouple Health Diagnostics
- Transmitter Output
- Downward Compatibility with Existing UDC3300 Applications

### Typical Applications

- Heat Treating
- Metals, Glass, Ceramics, Plastics
- Food and Beverage
- Furnaces and Ovens
- Environmental Chambers
- Pharmaceutical
- Packaging
- Painting and Coating

### Description

The UDC3200 Universal Digital Controller is a new mid priced addition to Honeywell's controller family. The UDC3200 introduces new features in the popular mid priced 1/4 DIN size while retaining all the reliability, cost effectiveness, simplicity, and popular HMI of Honeywell's UDC3200.

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Product Specifications	
<b>Input Signal Type</b>	Thermocouple, RTD, 4 mA to 20 mA, mV, Carbon, Oxygen, Slidewire
<b>Loops of Control</b>	1
<b>Control Output</b>	Current Proportioning, Time Proportioning, Heat/Cool Duplex, On/Off, Three-Position Step, Position Proportioning
<b>Digital Inputs</b>	2
<b>Digital Outputs</b>	0 to 4 (Relays)
<b>Analog Inputs</b>	1 to 2
<b>Current Outputs</b>	0 to 2
<b>Auxiliary Outputs</b>	Up to 2
<b>Keypad Selectable Output</b>	Yes
<b>Alarms</b>	2
<b>Loop Break Alarm</b>	Yes
<b>Diagnostics</b>	Thermocouple Health, Current Output Open Circuit, Others
<b>Autotune</b>	Accutune III
<b>PC Configuration Tools</b>	Yes
<b>Accuracy</b>	0.2 %
<b>Communications</b>	Yes
<b>Communications Port Type</b>	Infrared, RS-422/485 Modbus, Ethernet
<b>Ethernet Connection</b>	10 Base-T
<b>Size</b>	1/4 DIN
<b>Front Face Format (mm)</b>	96 x 96
<b>Prompts</b>	Multilanguage
<b>Multi-language</b>	Yes
<b>Limit Control</b>	No
<b>Math Functions</b>	Yes
<b>Setpoint Program</b>	1
<b>Transmitter Power</b>	Yes
<b>Approval</b>	CE, CSA, UL
<b>Sealing</b>	NEMA 4X, IP65
<b>Availability</b>	Global
<b>Supply Voltage</b>	90 Vac to 250 Vac; 50/60 Hz; 24 Vac/dc

<b>Series Name</b>	UDC3200
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### **WARNING**

#### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

### **WARNING**

#### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

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