

UDC 900 Digital Indicating Controller

Low Cost, Easy to Use

Proven LeaderLine quality, accuracy, and value

The UDC 900 is a compact 1/16 DIN controller that offers Honeywell's high quality and performance at a very low price. It is an ideal controller for regulating temperature in a variety of applications, including:

- baking ovens, dryers
- semiconductor packaging/testing
- plastic processing
- packaging machinery
- painting and coating
- climatic chambers.

The UDC 900 satisfies basic control requirements and also provides specialized features that include run/ready, timers, and heater break alarm.

An Unbeatable Price

The UDC 900 has been designed to offer maximum performance at a very low price.

Simple Set-Up and Operation

The 900 is easy to use, with clear displays, self-tuning, and no enter key. With the 900's self-tuning, control parameters are calculated automatically on process start-up, setpoint change, and process disturbance.

Allows for Process Interruptions

A specialized run/ready key allows for process interruptions and batch processing. This feature interrupts control action while the display remains active. The optional remote switch input may also be used to initiate this key function.

High Reliability Plus Two-year Warranty

State-of-the-art manufacturing enables the UDC 900 to conform to Honeywell's high quality standards. It is backed by a two-year warranty and Honeywell's Technical Assistance Center.



Main Features

- Self-tuning
- Run/ready key
- Two optional discrete inputs
- Two event timers
- Process variable (PV) correction
- Panel or DIN rail mounting
- Heater break alarm
- CE Mark compliant
- Two-year warranty

LeaderLine: The Best Performance, the Best Price

LeaderLine™ products are engineered to give you maximum performance for minimum investment. Every LeaderLine product offers

the best price/performance combination of any competitive instrument in its class and features Honeywell quality, assured by a comprehensive warranty program and a customer support network second to none. LeaderLine instruments provide functions targeted to specific applications, so you buy only the performance you need.

Condensed Specifications

CE Mark conformity	Full conformity with EMC Directive 89/336/EEC
Accuracy	+/- 0.5% of span, +/- 1 LSD
Operating temperature	0 to 50°C/ 32° to 122°F
Relative humidity	10% to 90% RH
PV input	<ul style="list-style-type: none">• Thermocouple: K, J, T, E, DIN U, DIN L• RTDs: Pt100, JPt100
Control outputs	Time proportioning with: <ul style="list-style-type: none">• Electromechanical SPST relay (3A/250V)• SSR driver
Control algorithm	Configurable for: <ul style="list-style-type: none">• On/Off• PID
Alarms (optional)	Two SPST relays (1A/250V)
Power supply	85 to 264 Vac 50/60 Hz

Product Dimensions:

Front face	48 x 48 mm (1.89 x 1.89 inches)
Depth	<ul style="list-style-type: none">• 100 mm (3.94 inches) for panel mount• 104 mm (4.10 inches) for DIN rail mount
Panel cutout	45 x 45 mm (1.77 x 1.77 inches)

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Honeywell

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