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Data Sheet

August 15, 2026

HONEYWELL

Honeywell DR450T-1100-00-001-0-E-0111

The Honeywell DR450T-1100-00-001-0-E-0111 is a recorder. It features a circular chart recorder, 1 pen, 24-hour rotation, 115 VAC power, and NEMA 4X enclosure.



MODEL

**Honeywell
DR450T-1100-00-
001-0-E-0111**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**DR450T-1100-00-
001-0-E-0111**

LISTING

[https://aumictechlabs.c
om/products/dr450t-11
00-00-001-0-e-0111-2/](https://aumictechlabs.com/products/dr450t-1100-00-001-0-e-0111-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Honeywell DR450T-1100-00-001-0-E-0111 is a 12-inch circular chart recorder engineered for industrial process documentation and control. This single-pen, 24-hour rotation instrument prints its own chart on thermal-sensitive paper, eliminating pre-printed inventory requirements and delivering consistent accuracy independent of ambient temperature and humidity. The microprocessor-based design offers field configurability via keyboard with English-language prompts, housed in a NEMA 4X enclosure for demanding plant and factory environments.

Technical Specifications Chart Diameter: 12 inches (304.8 mm) Chart Type: Plain thermal-sensitive paper (self-printing) Pens: Single pen Chart Rotation: 24-hour Input Power: 115 VAC, 60 Hz Enclosure: NEMA 4X (optional UL approved) Internal Transmitter Supply: 24 Vdc (supports up to 2 transmitters) Measurement Accuracy: Thermocouple ranges $\pm 1^\circ\text{F}$ typical; voltage ranges $\pm 0.1\%$ or better; full-scale $\pm 0.15\%$ Key Features Universal signal inputs: thermocouples (Types B, E, J, K, N, R, S, T, W5W26), Radiamatic, RTDs (100/200/500 Ω platinum, 100RH), voltage (0-10 mV,

10-50 mV, 0-5 V, 0-10 V), and current (4-20 mA) Keyboard-selectable input configuration Dual digital displays for real-time readability Up to 6 fully configurable alarms Integral PID controller with Accutune II tuning algorithm Configurable control modes: On-Off, PID-A, PID-B, or PD with manual reset Control outputs: time proportioning, current or position proportioning, three-position step, simplex or duplex with mixed forms Flow totalization with up to 4 totalizers plus grand total print capability RS-485 Modbus communications (model-dependent) Typical Applications Temperature monitoring, process variable documentation, flow rate tracking, and industrial process control in manufacturing and plant operations. Compatibility & Integration Wide input signal compatibility supports legacy and modern transducers. Built-in 24 Vdc power supply accommodates field transmitters. RS-485 Modbus interface enables integration into networked control systems on configured variants.

DR450T1100000010E011 Characteristics / Specifications

PARAMETER	VALUE
Model	DR4500 / DR45AT
Instrument Type	Truline circular chart recorder
Chart Diameter	12 inches (304.8 mm)
Chart Calibrated Width	4.62 inches (117.5 mm) Classic series reference
Maximum Analog Channels	4
Digital Indication Accuracy	1 digit
Input Impedance 4 To 20 Ma	250 Ohm
Input Impedance 0 To 10 Vdc	200 kOhm
Input Impedance All Others	10 MOhm
Source Impedance Rtd	100 Ohm per lead maximum
Sampling Rate 1 Or 2 Inputs	each input 3 times per second
Sampling Rate 3 Or 4 Inputs	3 times in 2 seconds
Input Filter	single-pole low-pass selectable off to 120 seconds
Span Step Response Time	6 seconds maximum with no filtering
Transmitter Supply Voltage	22 to 26 Vdc at input terminals
Transmitter Supply Current	50 mA dc at 24 Vdc
Pen Cartridge Line Length Classic	more than 1000 ft (305 m)
Case Door Standard	molded foamed-Noryl NEMA 3
Door Option Class	UL FM NEMA4X
Digital Displays	vacuum fluorescent alphanumeric
Controller Modes	Manual and Automatic
Power Class	universal AC powered industrial recorder
Communications	RS-485 Modbus enabled class
Operating Industry Focus	food pharmaceutical heat treatment environmental water waste
Mounting	panel industrial enclosure

PARAMETER	VALUE
Print Method Truline	heat-sensitive blank chart with printed timeline
Channel Pv Indicators	CHN 1 2 3 4
Alarm Indicators	ALM status LEDs
Engineering Units Display	configurable

General Specifications & Supplementary Characteristics

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Engineering Units Display	configurable Notes From Honeywell DR4500A Truline specification 44-45-03-14 and Classic Series 44-45-03-15 for shared mechanical/input figures. Queue SKUs DR45AT-... and DR450T-... are DR4500 family configurator strings; finer option codes belong on the faceplate/model selection guide.

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.

environmental and water/waste processes needing multi-trace circular records without pen-alignment offsets.	
Key Features	
Truline single-stylus multi-trace printing	
Up to four analog input channels	
Vacuum fluorescent operator displays	
Optional integral PID controller	
RS-485 Modbus communications capability	
Technical Specifications	
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Available from Aumictech

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

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.