



1/16 DIN Temperature, Process and Strain Meters and PID Controllers



- ✓ High Quality
- ✓ 5-Year Warranty
- ✓ High Accuracy $\pm 0.5^{\circ}\text{C}$ (0.9°F), 0.03% Reading
- ✓ First 1/16 DIN Controller with Totally Programmable Color Displays (Standard)
- ✓ User-Friendly, Simple to Configure
- ✓ Free Software
- ✓ Full Autotune PID Control
- ✓ Universal Inputs: Thermocouple, RTD, Process Voltage/Current, Strain
- ✓ Embedded Ethernet Connectivity

The OMEGA® DPi16/CNi16 is the popular 1/16 DIN size (48 mm square) meter or controller. The meter (model "DPi16") displays the process value and has no control outputs.

The controller is available with a single (model "CNi16") or dual display (model "CNi16D") that displays a set point along with the process value. The DPi16/CNi16 display can be programmed to change color at any set point or alarm point.

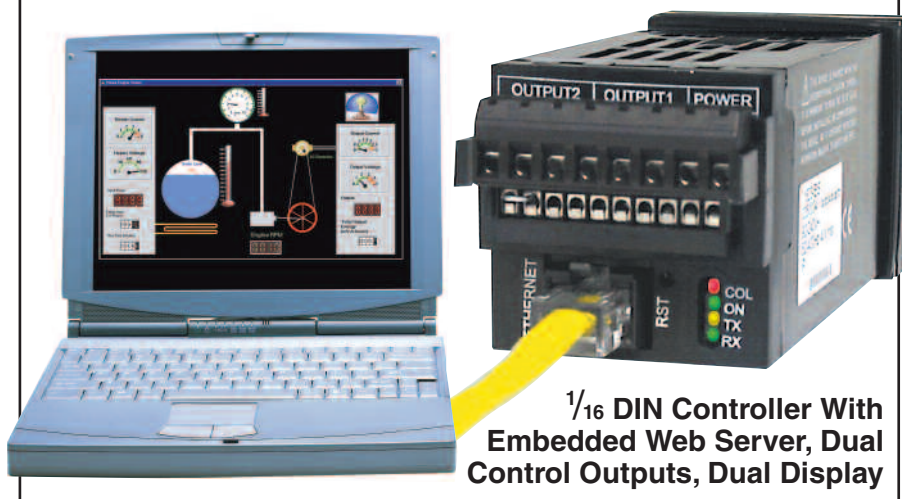
The CNi16 is the first 1/16 DIN controller with the option of both RS232 and RS485 in one instrument with both MODBUS® serial protocol and the straightforward OMEGA® ASCII protocol. And of course the CNi16 is the first 1/16 DIN Controller that can connect directly to an ethernet network and features an embedded web server. OMEGA® provides free configuration and data acquisition software for the iSeries on CD-ROM and for download off the Web.

The DPi16/CNi16 enclosure has a NEMA 4 (IP65) rated front bezel. The electronics are removable from the front panel.



- ✓ First 1/16 DIN Controller Offering Both RS232 and RS485 Serial Communications in One Instrument (Optional)
- ✓ First 1/16 DIN Controller with Built-in Excitation, 24 Vdc, Standard
- ✓ First 1/16 DIN Instrument with Analog Output Selectable as a Control Output or as a Calibrated Retransmission of Process Variable
- ✓ NEMA-4 (IP65) Front Bezel
- ✓ 2 Control or Alarm Outputs (Optional) dc Pulse, Solid State Relays (SSR's), Mechanical Relays, Analog Voltage & Current
- ✓ Temperature Stability $\pm 0.04^{\circ}\text{C}/^{\circ}\text{C}$ RTD and $\pm 0.05^{\circ}\text{C}/^{\circ}\text{C}$ TC @ 25°C (77°F)
- ✓ Front Removable and Plug Connectors

Access Vital information Anytime, Anywhere, On the World Wide Web



1/16 DIN Controller With Embedded Web Server, Dual Control Outputs, Dual Display



UNITED STATES

www.omega.com

1-800-TC-OMEGA
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• Flow and Level

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• Heaters

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