Series ^{1/16} DIN Temperature, ^{1/16} Process and Strain Meters and PID Controllers



- High Quality
- ✓ 5-Year Warranty
 ✓ High Accuracy ±0.5°C
- (0.9°F), 0.03% Reading ✓ First % 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 ¼₆ 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.



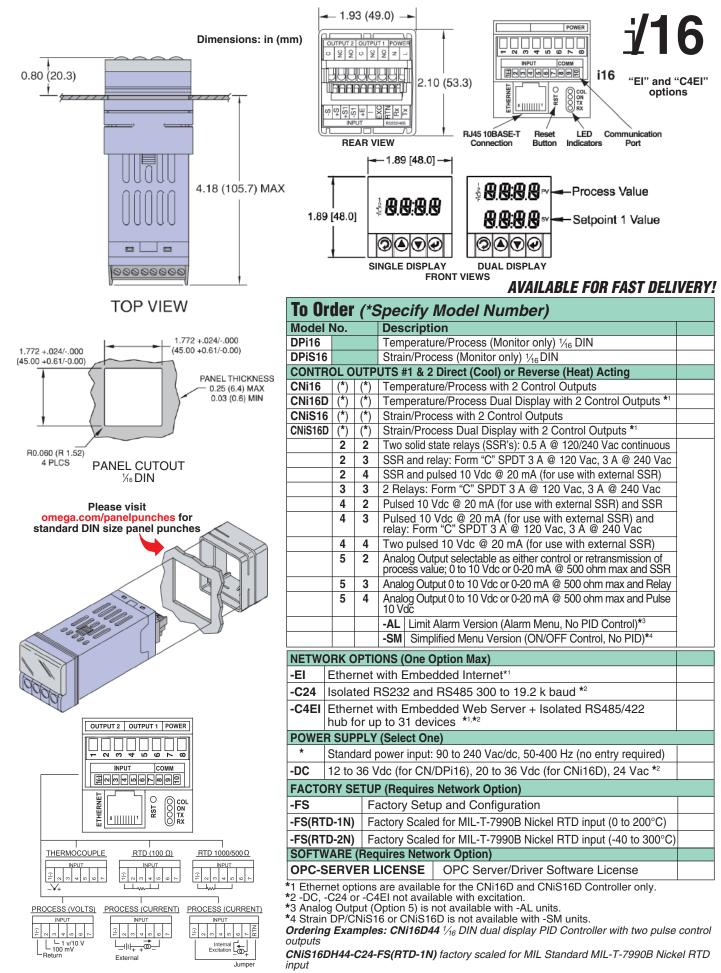
- First ¼ DIN Controller Offering Both RS232 and RS485 Serial Communications in One Instrument (Optional)
- First ¼6 DIN Controller with Built-in Excitation, 24 Vdc, Standard
- First ¼6 DIN Instrument with Analog Output Selectable as a Control Output or as a Calibrated Retransmission of Process Variable



- ✓ 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 ±0.04°C/°C RTD and ±0.05°C/°C TC @ 25°C (77°F)
- Front Removable and Plug Connectors

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