



Conductivity/Resistivity Indicators with Analog and Digital Displays



CDCN-5800
\$985



Consult Omega's Flow Engineering Department for mounting accessories.

CDCN-5800, \$985, shown larger than actual size.

CDCE-90-1, \$320, shown larger than actual size. See page E-37.

- ✓ Simple Pushbutton Operation
- ✓ Wide Range of Operation
- ✓ Programmable Temperature Compensation and TDS Conversion Factors
- ✓ 12 to 24 Vdc/Vac Powered

The CDCN-5800 conductivity/resistivity indicator can accommodate a complete range of applications without factory configuration. Software menu control of temperature compensation, plus options to display μS , mS , $\text{K}\Omega$, $\text{M}\Omega$ or PPM (TDS) provide a wide dynamic range of operation. Linearity is assured over a wide range without the need for troublesome platinized or graphite electrodes, thanks to state-of-the-art electronics.

Specifications

Compatible Sensors: CDCE-90-X Series (see page E-38)
Accuracy: $\pm 2\%$ of reading

Input Range: 0.055 to 400,000 μS (10 $\text{K}\Omega$ to 18.3 $\text{M}\Omega$)
Temp Comp PT1000: 0 to 100°C (32 to 212°F), optically isolated
Display:
Update Rate: <2 sec.
Displayed Units: μS , mS , $\text{K}\Omega$, $\text{M}\Omega$, PPM (TDS)

Relay Outputs: Mechanical SPDT Contacts contact rating 5 A @ 30 Vdc, 5 A @ 125 Vac, 3 A @ 250 Vac
Hysteresis: User adjustable
Current Output Range: 4 to 20 mA with adjustable span
Accuracy: $\pm 0.1\%$
Dimensions: 97 L x 97 W x 76 mm D (3.8 x 3.8 x 3.0")

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
CDCN-5800	\$985	Conductivity/resistivity indicator, including reversible dial face kit (0-2, 4, 6, 8, 10, 100) and assorted conductivity unit/multiplier decals

Comes complete with operator's manual. Order electrode separately (see pages E-37 to E-38).

Ordering Example: CDCN-5800 conductivity/resistivity indicator with analog and digital displays, \$985.

Recommended Reference Book: Calibration, A Technician's Guide 2005, OP-20, \$79. Visit omega.com/bobi for Additional Books





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• Flow and Level

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• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters