



Conductivity/Resistivity Indicators with Analog and Digital Displays



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

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 $^{\circ}\text{C}$ (32 to 212 $^{\circ}\text{F}$), 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")

To Order

| Model No. | Description |
|-----------|--|
| CDCN-5800 | Conductivity/resistivity Indicator, including reversibledial face kit (0-2, 4, 6, 8, 10, 100) and assorted conductivity unit/multiplier decals |

Ordering Example: CDCN-5800 conductivity/resistivity indicator with analog and digital displays.
Order electrode separately.