

LAKWOOD INSTRUMENTS NCKT CONDUCTIVITY NODE WITH SENSOR AND TEE

NCKT Part No. 1169439

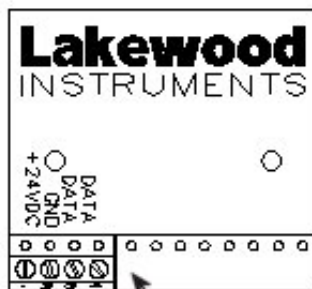


The NCKT is a LONWORKS® conductivity node in a NEMA-4X enclosure with a 4-electrode conductivity sensor and a quick release sensor tee. The NCKT is primarily used in cooling tower applications, but may be used in many process applications. Lakewood Instruments 4-electrode sensor, with temperature compensation, is ideal for applications where sensor fouling may occur. The 4-electrode design measures voltage and current across four titanium electrodes and compensates for any contamination build up on the electrodes. When too much fouling occurs, or the sensor wiring is broken, an alarm is generated, notifying the user.

One Network Interface Node (NIN) per 2000 Series Controller is required to operate network nodes such as the NDIG, and contain Rel 98 Firmware. All controllers shipped after 1 June 98 will have Rel 98 firmware.

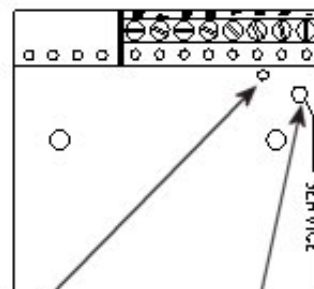
SPECIFICATIONS

| | | | |
|-------------------|-------------------------------------|------------------|---|
| Sensor | | Enclosure | |
| Type | 4-electrode | Type | NEMA-4X |
| Range | 0-100,000 μ S | Fittings | ½ inch NPT to controller Strain relief to sensor |
| Sensor Tee | | NODE | |
| Fittings | ¾ inch solvent weld | Type | Conductivity |
| Materials | CPVC | Power | 24 VDC |
| Max Temp | 140°F (60°C) | | |
| Pressure | 140 psi @ 100°F (9.7 bar @ 38°C) | | |



Network and Power connections

Connection to NIN and other nodes as well as 24 VDC.



Service Light

Indicates node status.

Service Pin

Installs node on network.