

# LAKWOOD INSTRUMENTS NDIG NODE



## NDIG Part No. 1165667

The Model NDIG Node is a LONWORKS<sup>®</sup>-compatible node that uses twisted pair communications. It accepts four digital inputs which can be tied into most 2000 series controllers. Up to two NDIG nodes may be installed on the 2000 series controller for a total of eight digital inputs. After a NDIG is installed, not only will you be able to view external digital inputs you will also be available to control relays based on the external input.

### Additional water meters and relay outputs.

In addition the first node of the possible two that can be installed allows you to configure input 1 and 2 for open collector type water meters. SNVT's such as flow rate, total gallons/liters can be utilized. K factors for water meters or gallons/liters per contact allow for compatibility with most water meters.

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

---

### Inputs

Digital Input      4 Dry Contact Inputs.  
Channels 1-2 may be used for water meter inputs.

### Power

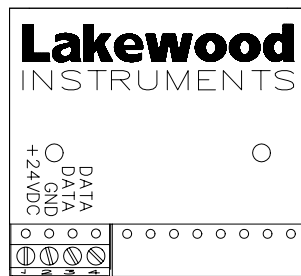
24 VDC

### Node Ambient Temperature

0-85°C (32-185°F)

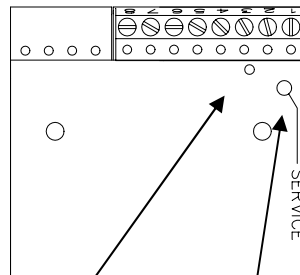
### Distance Between Two Furthest Nodes

400 m (1312 ft) maximum without a repeater



**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.