

Dwyer

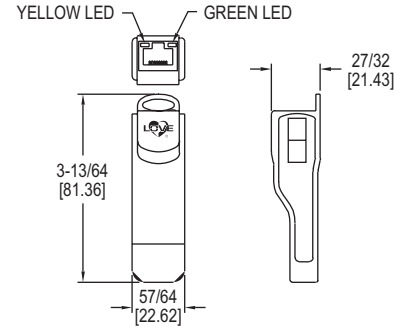
MODEL MN-1

MINI-NODE™ COMMUNICATION SIGNAL CONVERTER

Converts RS-485 to USB, Integral USB Connector, No External Power

CE

PROCESS CONTROL



The **Model MN-1 Mini-Node™ Communication Signal Converter** is a low cost device that converts half duplex RS-485 serial communications signals into a signal that can be read by any computer with a USB port. The integral USB connector and RJ-45 connector reduces set up time by eliminating extra wiring. The Model MN-1 is powered via the USB connection which eliminates the need for an external power source. The compact size is great for field installation, control panels, and lab testing.

FEATURES/BENEFITS

- Converts half duplex RS-485 via USB port
- Reduces set up time of process controllers

APPLICATIONS

- Oven, boiler, or chiller control
- Hot plates/melt pots
- Packaging equipment
- Environmental chambers
- Medical equipment
- Food service equipment

SPECIFICATIONS

Power Requirements: No external power required.

Power Consumption: 0.4 W.

Isolated Voltage: 3000 VDC.

Input Impedance: 96 kΩ.

USB Connector: B-type (female).

RS-485 Connector: RJ-45.

Baud Rate: 75, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, and 115200 bps.

Compatibility: Full compliance with USB V.2.0 specification.

Agency Approvals: CE.

MODEL CHART

Model	Description
MN-1	Mini-Node™ USB to RS-485 converter