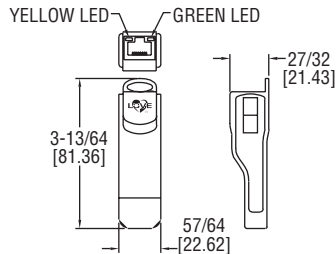


# MINI-NODE™ COMMUNICATION SIGNAL CONVERTER

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



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.

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

## 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.