NOTES:
1. WARNING: This drawing does not illustrate completely the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.
2. Will transmit up to 4000 Ft. @ 115.2k baud.
3. 35mA maximum current draw, when externally powered.
4. RS-485 conversion is 2-wire, half-duplex only. The Converter has an internal connection to prevent data from the RS-232 port from being echoed back to the port.
5. Optional cabling is sold separately, but shown here to demonstrate some of its uses in the LevelMaster environment.

CONVERTER, USB TO SERIAL, 1 DB9 SERIAL PORT P/N: 1801382-001
Digi Edgeport/1 #301-1001-1 USB to Serial Converter
DB-9M

DUST COVER
NOTE: Shield Ground the cabling only at one place

USB Host

OPTIONAL CABLE Add USB connection to Cable Assy

CONNECTIONS TO COMPUTER DTR 4 DB-9F

CABLE, 200241 P/N 2100241-002 = 6 Ft Cable
P/N 2100241-004 = 75 ft Cable

OPTIONAL CABLES (Add to Cable Assy)

OPTIONAL CABLE
Add USB connection to Cable Assy

B&B Electronics Model# 485SD9TB
Port-Powered RS-232/RS-485 Converter
P/N 1800255-001
(Rotated for clarity)

The Cable Assemblies for P/N 2100241-001 (6 Ft. Cable) and -003 (75 Ft. Cable) do not have the B&B Converter attached, providing only RS-485. For these Part Numbers, that end of the cable is wired as shown, below:

- End wiring is not shown. Shaded nuts are not used.
- NEW Wires may be required. Existing wires may be used if cut at least 6" from connector.

- Pin 4 is not used by the converter. Pins 1 and 8 are reserved for RS-422/485 and may be used in the field. Pins 2, 3, 5, 6, 7, and 9 are used for DTE and DCE signals. Pin 4 is not used by the converter. Pins 1 and 8 are reserved for RS-422/485 and may be used in the field. Pins 2, 3, 5, 6, 7, and 9 are used for DTE and DCE signals.

- Pins 1, 2, 3, 4, 5, 6, 7, 8, and 9 are not used by the converter. Pins 1 and 8 are reserved for RS-422/485 and may be used in the field. Pins 2, 3, 5, 6, 7, and 9 are used for DTE and DCE signals.

- Pins 1, 2, 3, 4, 5, 6, 7, 8, and 9 are not used by the converter. Pins 1 and 8 are reserved for RS-422/485 and may be used in the field. Pins 2, 3, 5, 6, 7, and 9 are used for DTE and DCE signals.