



# LRX Transmitters

## 0-1 Volt to 4-20 mA Converters

### APPLICATION

Used to convert 0-1 Volt pump control output to 4-20 mA to simplify transmission of liquid level information over large distances by wired or wireless links, or for operation of chart recorders, data loggers or other series connected electrical devices.

### CONSTRUCTION

Components are mounted on 1/16" thick FR-4 glass-reinforced epoxy laminate circuit board. Assembled boards are coated on both sides with Humiseal. Connections to power line and to input and output terminals on molded terminal blocks are fastened with 6-32 screws.

### MODELS

- LRX -1 350 ohm maximum Load\*
- LRX - 2 600 ohm maximum Load
- LRX - 3 1000 ohm maximum Load

\*Pictured

### POWER REQUIREMENTS

120 V 60 Hz <5 W @ 20 mA output into maximum load resistance.

### DIMENSIONS

5.0" square x 1.8" above mounting surface.

4- 0.169 Diameter (# 8 Screw) mounting holes on 4.25" square

### CALIBRATION

Units are typically factory calibrated to provide 4.0 mA output at an input of 0.0 V and 20.0 mA output at an input of 1.0 V. Other output and and/or input values may be specified for factory calibration.

User may perform custom calibration by adjustment of ZERO and SPAN potentiometers.

