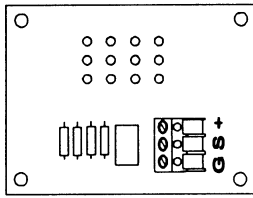


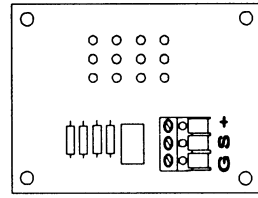
# Linear Transmitter Wiring Diagram Model NL, NLOA, CI

Junction Box 1

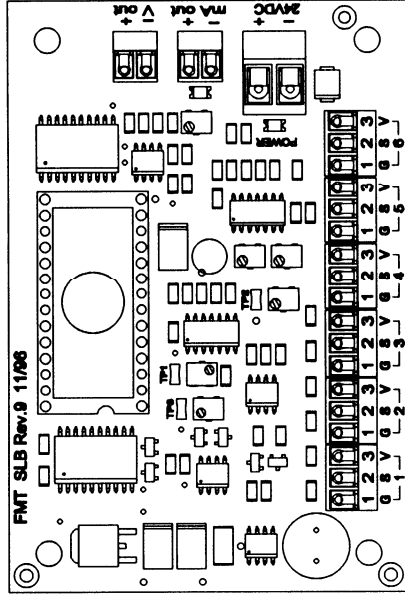


Junction Box Wiring. Typical For Up To 6 Junction Boxes. Air Velocity Sensors Are Factory Wired To Each Junction Box. Shield Connected To Ground At One End Only. Tape Shield At Junction Box.

Junction Box 2



Wire To Junction Box By Others.



## General Wiring Notes

1. The wiring between the junction box and the output transmitter must be done with wire that has 3 insulated conductors plus a braid or foil shield. The shield is to be connected to system ground at one end only. **DO NOT** use the shield in lieu of an insulated conductor.
2. On 4-20 mA output systems, there is an indicating LED which lights when the current loop is operating properly.
3. More than one system may be operated from a single power supply. Consult factory for capacity requirements.

## Wiring Requirements

1. 24 VDC Power - 2 Conductor 20 GA
2. Output - 2 Conductor Plus Shield, 20 GA
3. Sensor Wiring - 3 Conductor Plus Shield, 20 GA
4. For Wire Lengths Over 100 Feet, Use 18 GA

## Power Supply Requirements

1. Each Model NL System Requires A 24 VDC Power Supply Rated At 250 mA Or Greater.



FLOW MEASUREMENT TECHNOLOGIES INC.  
655 East James Street, Lehighton, PA 18235

Date: 12/30/86 MODEL 2 | 3 |  
 Drawn by: HH **NL**  
 Scale: NTS **Linear**  
 NLWIRE