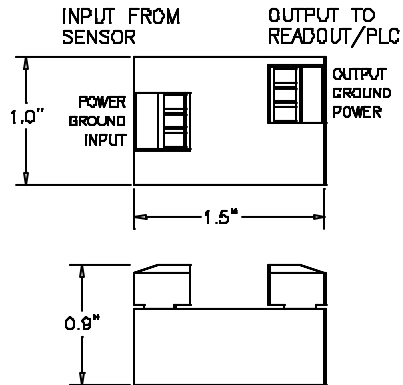
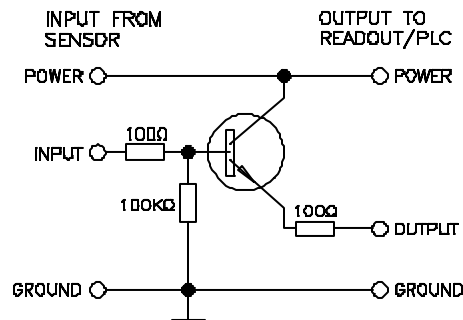


## LS-1 & LS-2 Level Shifters

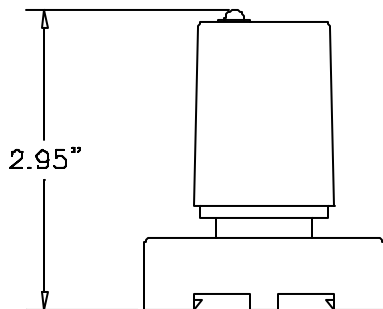
AW-Lake Company sensor outputs may be incompatible with other manufacturers devices. The most common problems are with readouts that have low input impedance or high input hysteresis as may occur in PLC high speed counter cards. The LS-1 & LS-2 units will convert the standard open collector output from AW-Lake Company sensors into a low impedance emitter follower output which allows a larger portion of the signal to go the input device. The LS-1 can be purchased as either a potted module with 3pin terminal connections or as a DIN mountable housing (LS-2) as shown below.



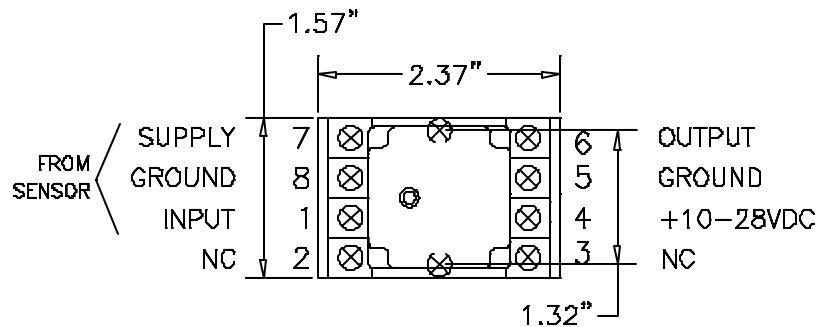
Model: LS-1



LS-1 & LS-2 Circuitry



Model: LS-2



LS-2 Base

### Specifications

Supply Voltage: +10-28VDC  
Max Output Current: 50mA  
Output Impedance: 100ohm  
Input Impedance: 100Kohm  
Max Input Frequency: >10KHz

### AW Company wire color code:

Supply Voltage: Red  
Ground: Black  
Signal: White