



Sensing Solutions since 1959

# Installation and Maintenance

## TL4569 and TL4570 Series, Tape Level Indicators

### General Information:

- The TLxxxx series are non electrical, manually operated level indicators.
- Ideal for use in applications where there is no electricity present.

### Installation Instructions:

- Apply a suitable sealant to the threads.
- Tighten pipe plug into mating fitting approximately ½ turn beyond hand tight.
- Units are to be installed vertically, with the mounting fitting at the top.

### Operation:

- Remove PVC pipe cap and pull tape blade out of stem until it stops.
- Slowly lower tape blade into stem until a slight pull is felt, as the magnets in the float and on the tape blade “lock” together.
- Read level on tape blade at point where it exits the top of the stem.
- Disengage tape blade from float by pushing tape blade into stem. Once tape blade is fully inserted into stem replace PVC pipe cap.

### Maintenance:

- Maintenance should consist of inspection to see that the float is free to move and not coated with any substance, which would change its weight or volume significantly. If this occurs, the float should be cleaned. This is easily accomplished without disturbing the installation. In addition, the stem may be wiped down to remove any build-up.
- The only repair possible in the field is replacement of either the float or stem. Dents or nicks on the float are usually of no consequence to operation.

### Ratings:

Float Material	Float Specific Gravity	Maximum Pressure	Maximum Temperature
Buna-N	0.45	150 PSIG	105°C
Polypropylene	0.75	100 PSIG	105°C
Stainless Steel	0.54	200 PSIG	200°C

Madison Company, Inc.  
27 Business Park Drive  
Branford, CT 06405

203-488-4477 or 800-466-5383  
info@madisonco.com  
www.madisonco.com



ISO 9001 Certified