



# INSTALLATION INSTRUCTIONS SFP SERIES SEAL LEAK RELAYS

June, 2013  
Rev. B

**READ INSTRUCTIONS BEFORE INSTALLING OR OPERATING THIS DEVICE.  
KEEP FOR FUTURE REFERENCE.**

901-0000-275

**TURN OFF ALL POWER SUPPLYING THIS EQUIPMENT BEFORE CONNECTING OR DISCONNECTING WIRE.**

### Installation & Setup

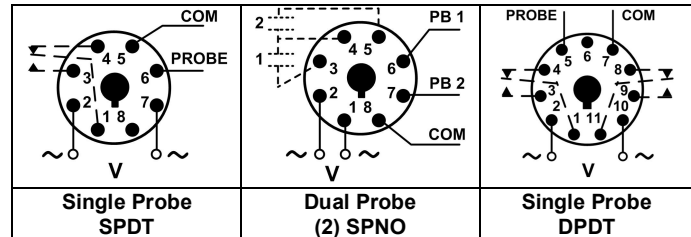
Mount the appropriate 8 pin octal socket (Macromatic 70169-D or Custom Connector OT08-PC) or 11 pin octal socket (Macromatic 70170-D or Custom Connector OT11-PC) in a suitable enclosure. Wire the socket per the wiring diagram on the side of the liquid level control relay or as shown at right. **Make sure to match the terminal numbers on the socket to the ones shown on the wiring diagram (the wiring diagram on the relay is the view looking towards the bottom of the relay vs. the top of the socket).** Use one or two #12-22 solid or stranded copper or copper-clad aluminum conductors with terminals of the above sockets—a terminal tightening torque of 12 in-lbs should be used. Plug the liquid level control relay into the socket, making sure the key on the center post is in the proper orientation before insertion. **If the relay must be removed from the socket, do NOT rock the relay back & forth excessively—the center post could be damaged.**

### Troubleshooting

If the unit fails to operate properly, check that all connections are correct per the appropriate wiring diagram on the product. If problems continue, contact Macromatic at 800-238-7474 or e-mail [tech-support@macromatic.com](mailto:tech-support@macromatic.com) for assistance.

### Setting the Sensitivity

All SFP Series products come with an adjustable sensitivity range as indicated on the nameplate and by the Catalog Number. Adjust the sensitivity within the range of the product by rotating the knob on top of the unit. This sets the level at which the relay determines whether liquid is present at the probe. **Note: the tick marks are for reference only.**



### **Warranty**

All Catalog-listed SFP Series Seal Leak Relays manufactured by Macromatic are warranted to be free from defects in workmanship or material under normal service and use for a period of five (5) years from date of manufacture.

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