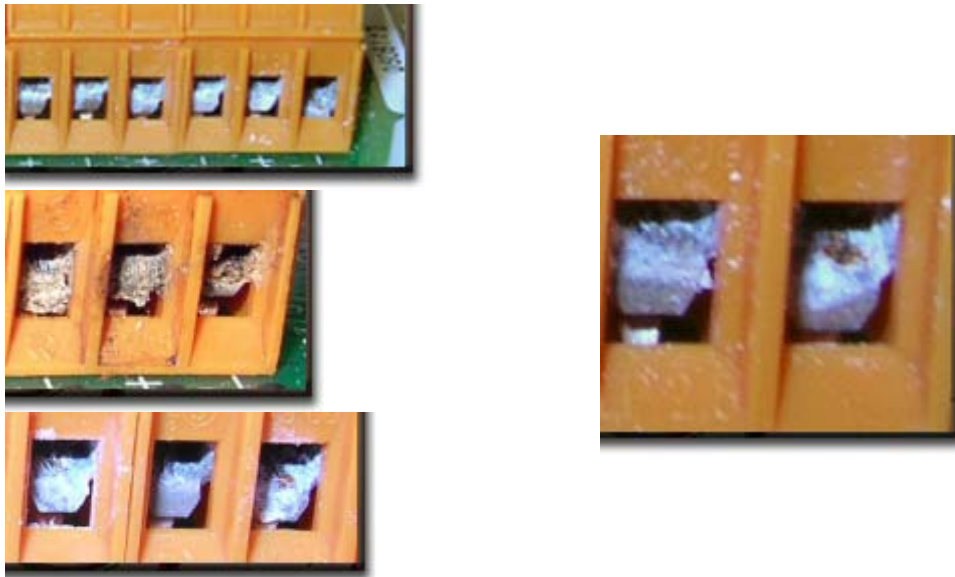


## Datalogger Electronics Damage from Thermocouple Leakage

### Issue

When using thermocouples in the sterilization process, it is imperative to ensure that the steam does not wick into the electronics in the datalogger causing corrosion.

### Examples of corroded SIM & UIM terminals:



### Solution

Carefully slice the thermocouple jacket, preventing the thermocouples from acting like straws and drawing the steam from the sterilizer into the datalogger.

- To determine the location of the slice on the thermocouple jacket, estimate the distance from the datalogger that your thermocouple is likely to hang down. We normally slice about one foot from the datalogger.
- Once you have your location, lay the thermocouple flat on one side. **Very** carefully, slice the jacket with a skillful slice approximately ¼ inch long, then flip over and slice through other side, making sure the red and blue wires are not damaged.
- *Slice the jacket in the middle only!* Test your thermocouples after slicing to be sure they are functional. Replace any that were inadvertently sliced.