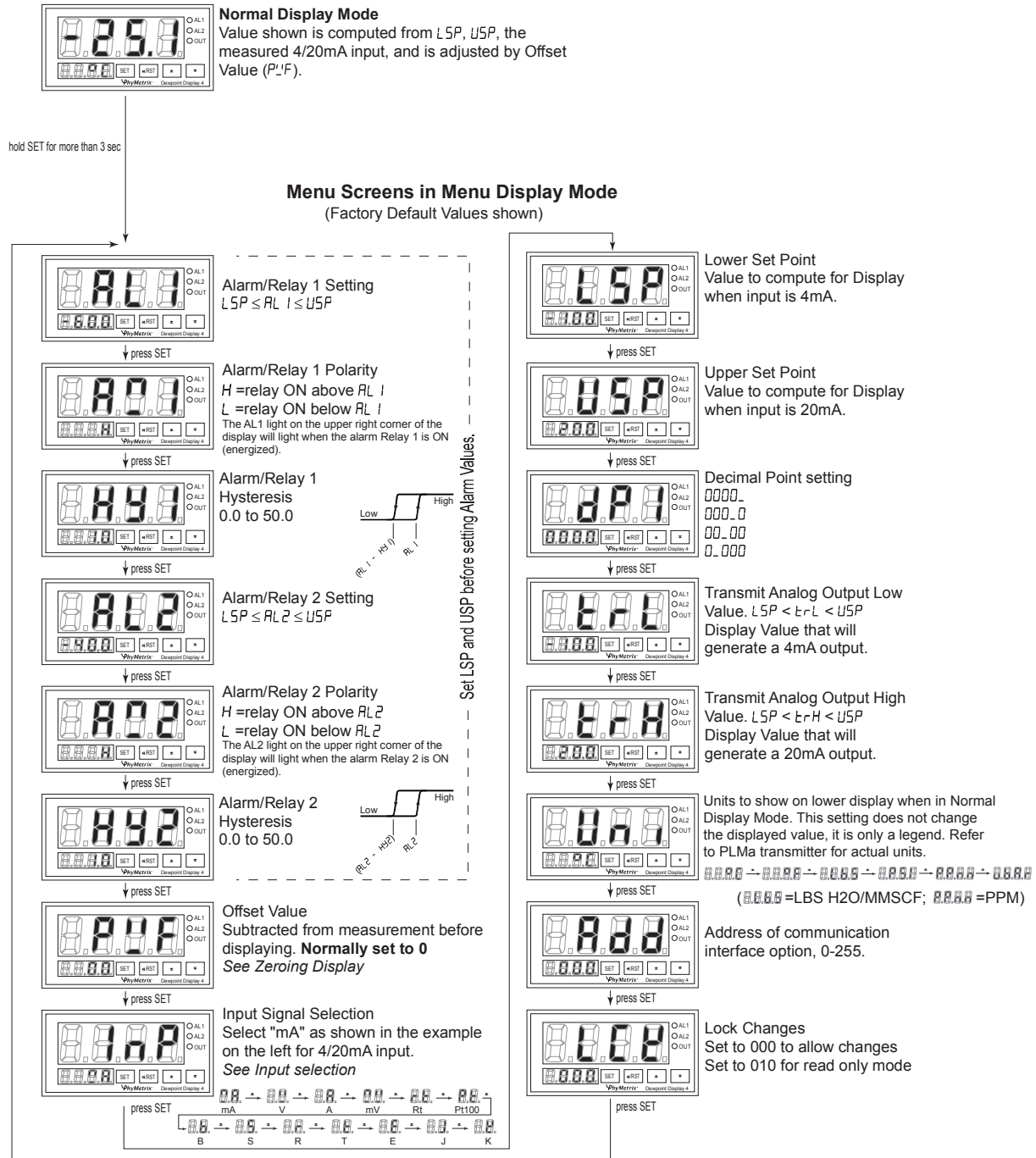


Appendix D

Dewpoint Display

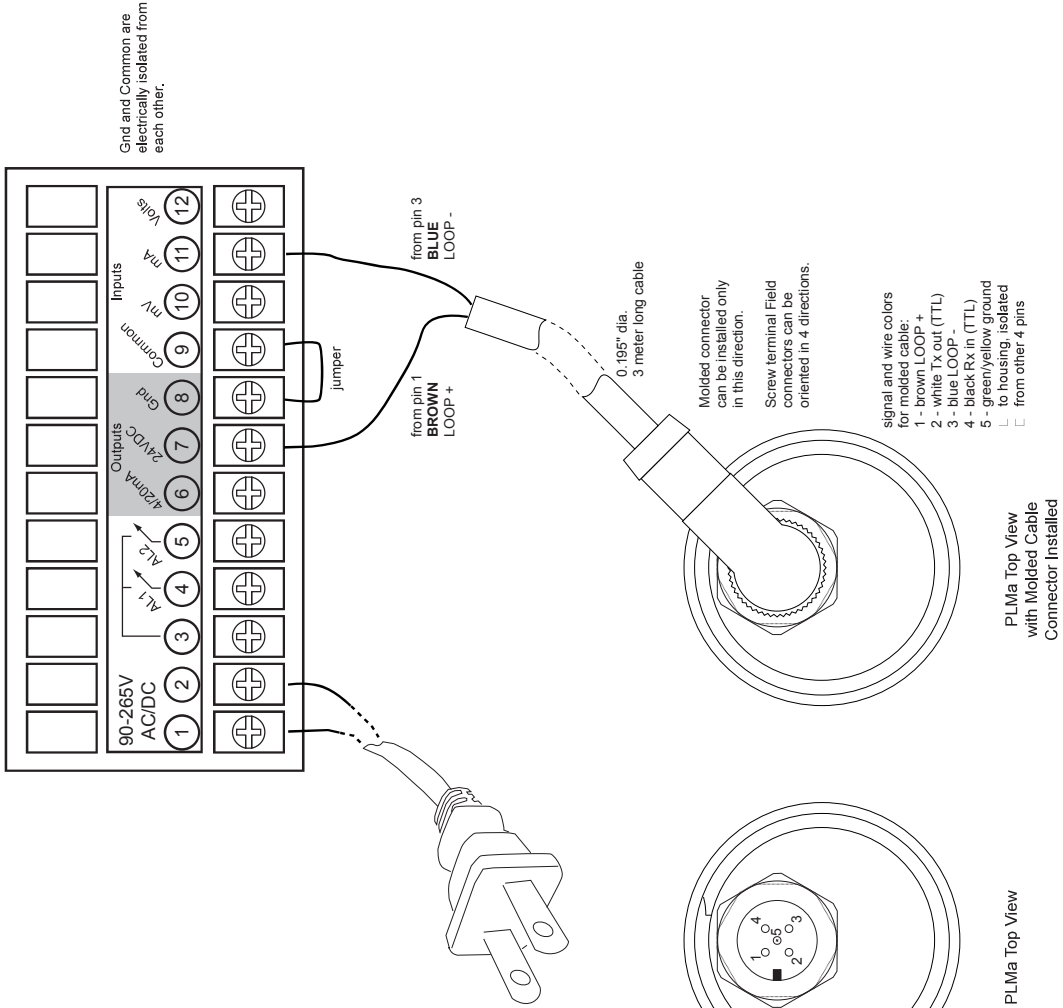
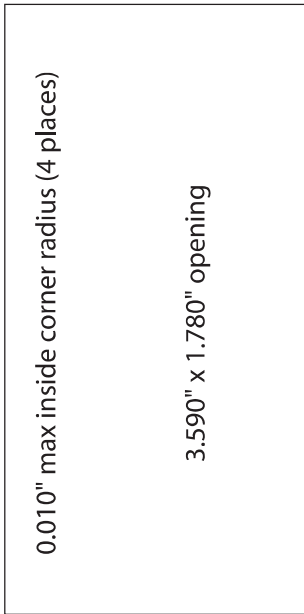
PhyMetrix Dewpoint Display 4 User Interface



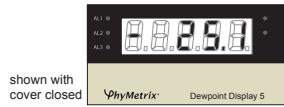
- When in any of the 16 Menu Screens "AL1" to "LCK":
- Press "SET" to store the selection and move to the next menu screen.
 - Press "<</RST" to select one of the digits on the lower display for change and then use the "▲" or "▼" buttons to make the change, press "<</RST" again to select a different digit.
 - If no buttons are pressed for 25 seconds the display will revert to Normal Display Mode.

- Troubleshooting and diagnostic messages**
- The upper screen will show "UUUU", if the input is more than 110% of $USP - LSP$ range.
 - The upper and lower screen sections will flash "B.B.B.B.", if the display temperature range is exceeded.

Dewpoint Display 4 Rear View



PhyMetrix Dewpoint Display 5 User Interface

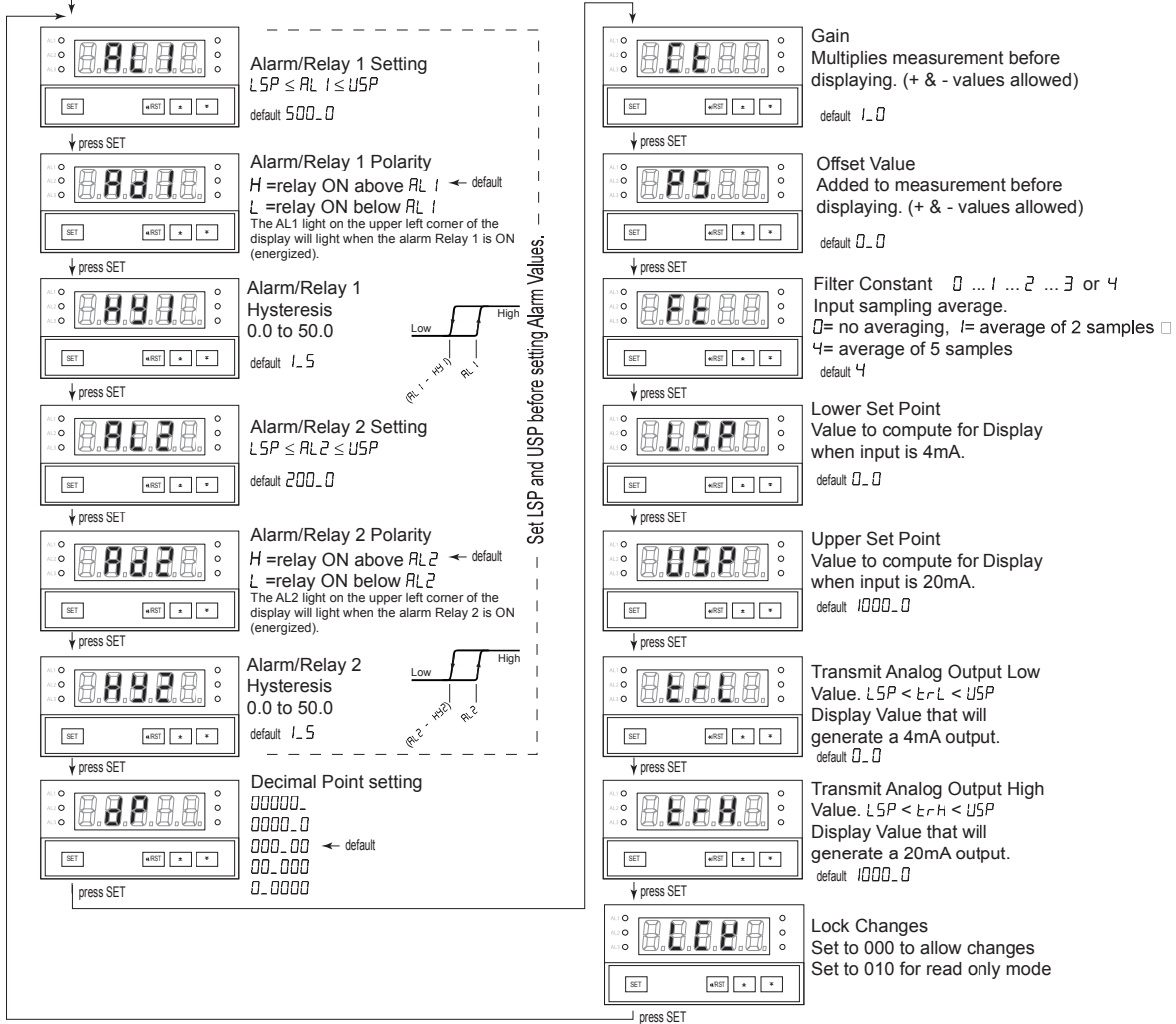


Normal Display Mode
Value shown is computed from LSP , USP , the measured 4/20mA input, and is adjusted by Offset Value ($P5$) & Gain Value (ϵ).

shown with cover closed

hold SET for more than 3 sec

Menu Screens in Menu Display Mode



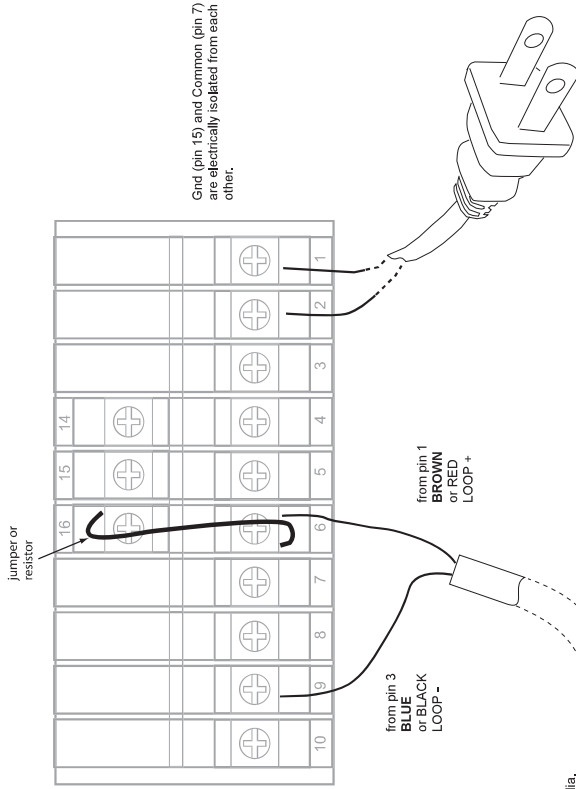
When in any of the 15 Menu Screens "RL 1" to "LCK":

- Press "SET" to store the selection and move to the next menu screen.
- Press "<</RST" to select one of the digits of the setting (value) for change and then use the "▲" or "▼" buttons to make the change, press "<</RST" again to select a different digit.
- If no buttons are pressed for 25 seconds the display will revert to Normal Display Mode.

Troubleshooting and diagnostic messages

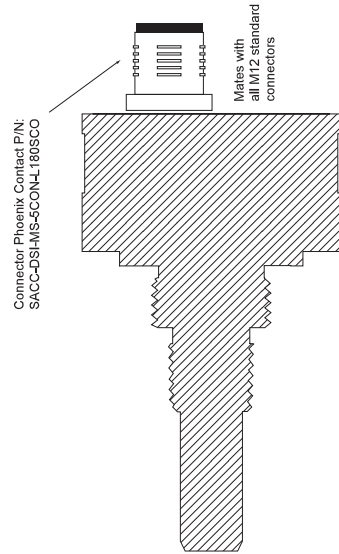
- The value computed for display will not increase beyond 115% of the $USP - LSP$ range, even if the current exceeds 22.4mA
- The screen will flash "B.B.B.B.", if the display temperature range is exceeded.

Dewpoint Display 5 Rear View



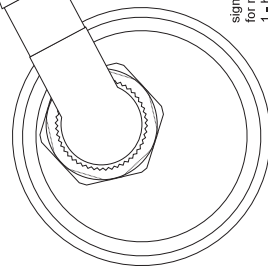
0.010" max inside corner radius (4 places)

3.590" x 1.780" opening

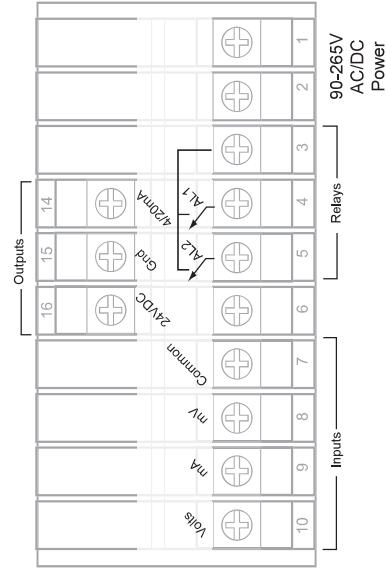


PL/Ma Side View

PL/Ma Top View with Molded Cable Connector Installed



PL/Ma Top View



0.195" dia.
3 meter long cable

Signal and wire colors for molded cable:
1 - brown LOOP +
2 - white Tx out (TTL)
3 - blue LOOP -
4 - black Rx in (TTL)
5 - green/yellow ground to housing, isolated from other 4 pins