

Dewpoint Monitor

Desiccant Range | Refrigerant Range

Features

- ✓ Large Digital Display
- ✓ Fast Response Time
- ✓ +/- 2% Accuracy
- ✓ Adjustable Alarm Set Point
- ✓ Dual Scale - °C or °F
- ✓ Remote Alarm Contacts
- ✓ Linear Analogue Outputs
- ✓ Simple Performance Testing and Calibration
- ✓ Long Lasting Sensor
- ✓ Simple and Inexpensive Sensor Replacement
- ✓ CSA Special Inspection Approved



Specifications

Class 1 Inc. fast response, precision, digital Dewpoint Monitor, Model DEWPOINT-D for desiccant dryers or Model DEWPOINT-R for refrigerant dryers. Monitor to be complete with NEMA 12 Enclosure, large digital LED display, On/Off switch and High Humidity Alarm Light. Monitor to be CSA Special Inspection Approved.

Dewpoint monitor display in either Celsius or Fahrenheit. Desiccant range to be from -40°C to -9°C. Refrigerant range to be from -12 °C to +21°C. The high humidity alarm limit shall be user adjustable. Terminal strip remote alarm contacts to be provided for connection of the High Humidity Alarm to the Medical Gas Master Alarm Panel.

The unit shall be complete with an aluminum sensor block, sensor, brass sample air bleed valve, and a 10' sensor cable for remote location of the sensor.

Sensor to be electronic resistance type transducer complete with a palladium wire wound around an insulated core with hygroscopic film coating

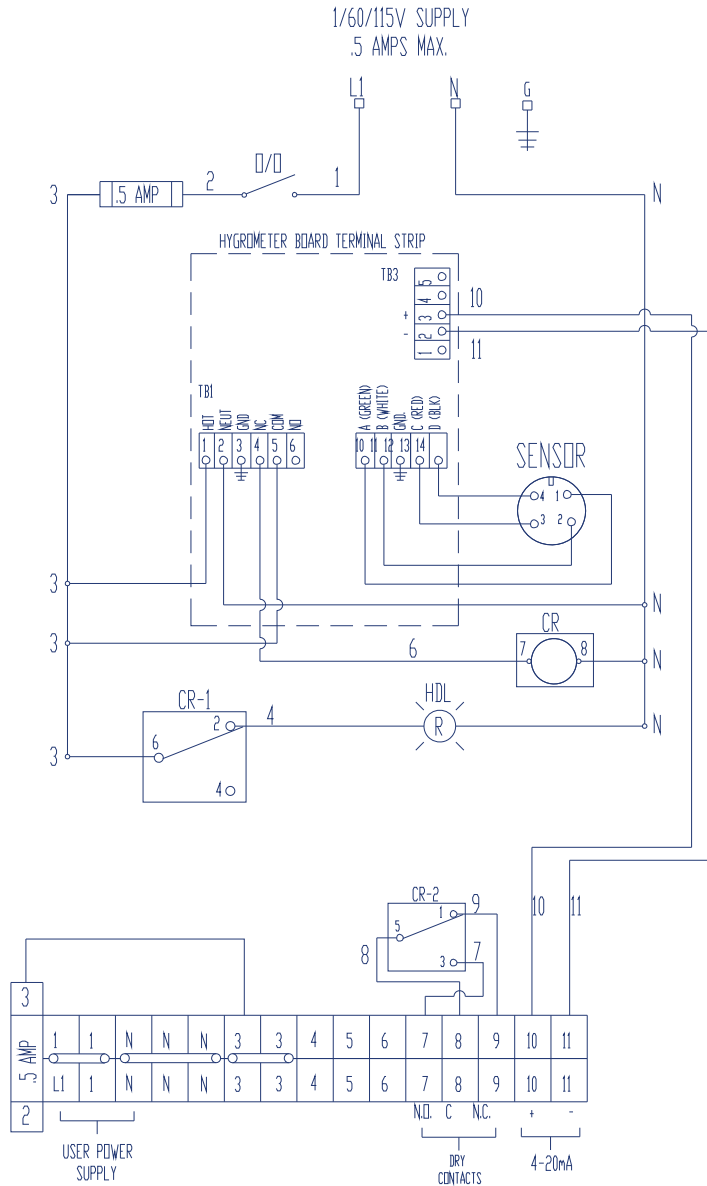
Optional:

The dewpoint monitor to include and audible alarm with Silence button.

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Wiring Diagram



COMPONENT REFERENCE

O/O - OFF-ON SELECTOR SWITCH

HYG - HYGROMETER BOARD

CR - DPDT CONTROL RELAY

CR1 - CONTROL RELAY OUTPUT CONTACTS SET #1

CR2 - CONTROL RELAY OUTPUT CONTACTS SET #2

HDL - HIGH DEWPOINT LIGHT

WIRING CODE

- BLACK-----115 VOLT HOT (16 AWG)
- WHITE-----115 VOLT NEUTRAL (16 AWG)
- YELLOW-----SIGNAL WIRE(4-20 mA) (18 AWG)
- BROWN-----DRY CONTACTS (18 AWG)
- GREEN-----GROUND (16 AWG)