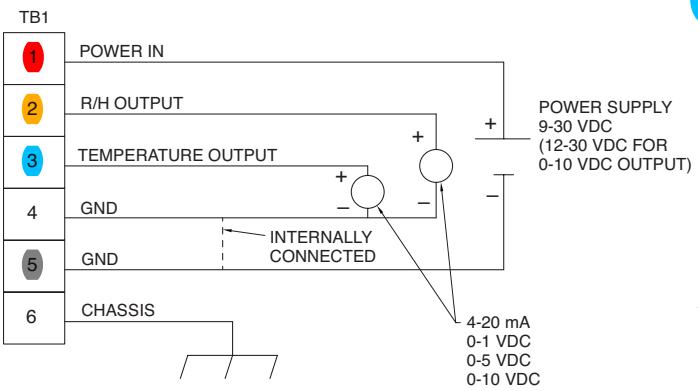
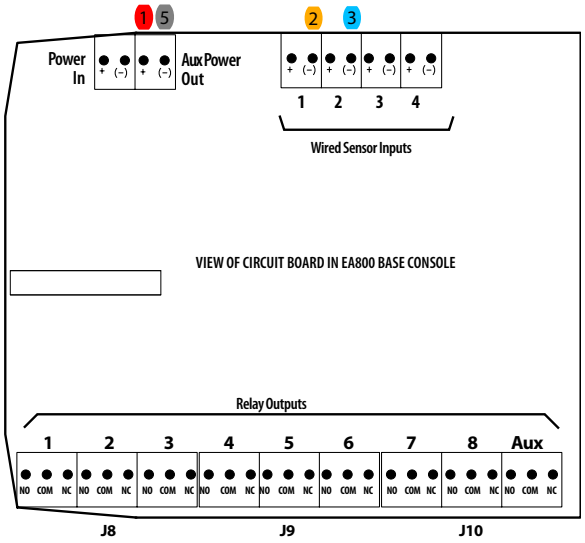
HX93BC Wiring



EA800-ip Wiring



Humidity Programming

Sensor Type:	4-20mA
Sensor Name:	Common Name
Unit of Measure:	Custom Units (RH)
Resolution:	0.1
4mA Value:	+000.0
20mA Value:	+100.0
High Alarm Limit:	High Set Point
Low Alarm Limit:	Low Set Point
Hysteresis:	0.1
Alarm Delay Time:	Set Delay Time

Specifications

Temperature

Measuring Range

Standard: -30 to 75°C (-22°F to 167°F) (Without jumper on connection J4)

Special: -20 to 75°C (-4° to 167°F) (With jumper on connector J4 pin 1 to pin 2)

Accuracy: ±0.6 °C (1 °F), from 0 to 50°C (32 to 122°F); ±1.25°C from -30 to 0°C (-22 to 32°F) and 50 to 75°C (122 to 167°F)

Repeatability: ±0.1% RH; ± 0.2 °C (0.4 °F)

Resolution: 0.1°C

Response Time: 5 Seconds min., 30 second max.

Sample Rate: 1 Sample every 4 seconds

Input Voltage Range: (4 to 20 mA Output) 9 to 30 Vdc @20mA: 4 to 20 mA 0 -1 volt; 0 - 5 volts output. 12 to 30 Vdc @ 20 mA: 0 to 10 volts output volts

Max Loop Resistance: (4 to 20 mA) 200 Ohm @ 9 Vdc supply voltage 1,250 Ohm @ 30 Vdc supply voltage Ohm = [(V supply - 4 V) ÷ 0.02A)] -50

Max Load Resistance: (Min. Resistance) 1.250 K (For all outputs: 0-1 Vdc; 0-5 Vdc; 0-10 Vdc)

Sensor Type: Digital Sensor

Relative Humidity

Measuring Range: 0 to 100% RH

Accuracy: ±2.5% from 20 to 80% RH ±3.5% from 5 to 20% and 80 to 95% RH; ±4% from 0 to 5% and 95 to 100% RH

Hysteresis: ±1% RH

Repeatability: ±0.1%

Resolution: 0.1%

Response Time: 8 seconds typical

Sample Rate: 1 Sample every 4 seconds

Temperature Programming

Sensor Type:	4-20mA
Sensor Name:	Common Name
Unit of Measure:	Custom Units (°F)
Resolution:	0.1
4mA Value:	-022.0
20mA Value:	+167.0
Hysteresis:	0.1