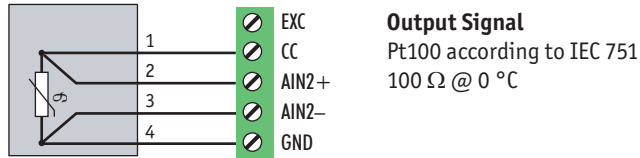


Temperature and Humidity Sensors

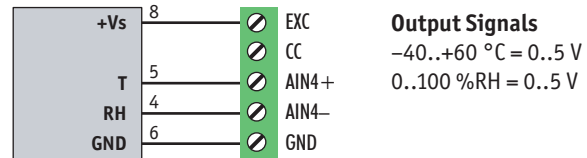
Wilmers 0412, 0431, 0441 - Passive Pt100



Standard Setup

Input: **AIN2**
Functions: **Temp (°C) = Temperature (Pt100)**

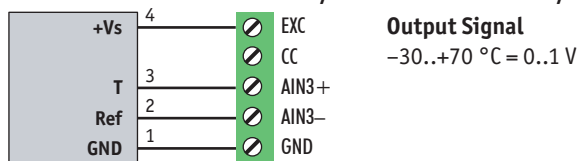
Wilmers 0538



Expert Setup

Input: **AIN4**
Poll Command: **#100 s4s10\r**
Functions: **Temp (°C) = 20 * b1 - 30**
Hum (%RH) = 20 * b2

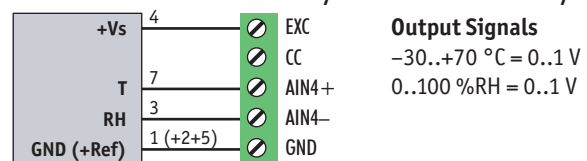
Wilmers 0443 - Galltec KPC1/5 - Ammonit S42100/P6311P



Standard Setup

Input: **AIN3**
Functions: **Temp (°C) = Voltage * 100 - 30**

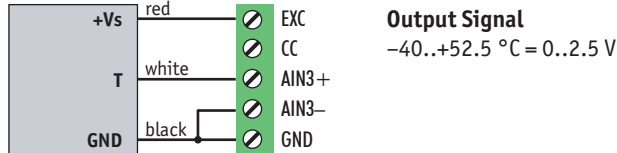
Wilmers 0533 - Galltec KPC1/5 - Ammonit S52100/P6312P



Expert Setup

Input: **AIN4**
Poll Command: **#100 s4s10\r**
Functions: **Temp (°C) = 100 * b1 - 30**
Hum (%RH) = 100 * b2

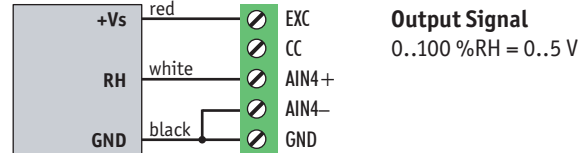
NRG #110S (1806)



Standard Setup

Input: **AIN3**
Functions: **Temp (°C) = Voltage * 55.55 - 86.38**

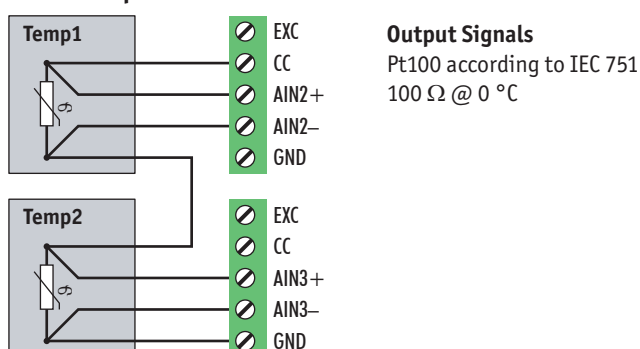
NRG RH-5X (4415)



Standard Setup

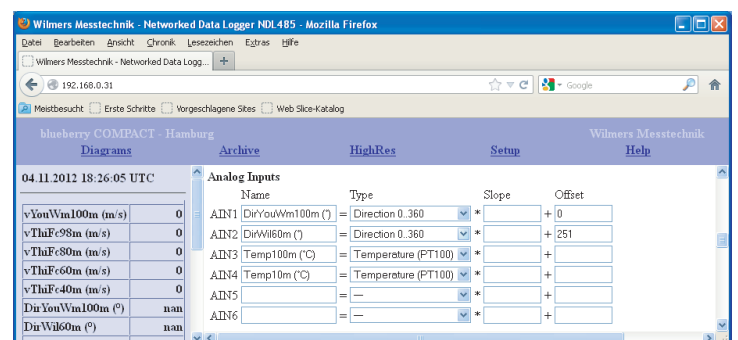
Input: **AIN4**
Functions: **Hum (%RH) = Voltage * 20**

Pt100 Temp. Difference Sensor



Expert Setup

Poll Command: **#100 t2u3i2\r**
Functions: **Temp1 (°C) = b1**
Temp2 (°C) = (-0.39083 + (0.39083^2 + 0.000231 * (100 - (1000 * b2 / b3)))^0.5) / (-0.0001155)
DiffTemp (K) = Temp2 - Temp1



Further infos about the
blueberry COMPACT:



For further details please see the data logger manual or visit <http://wilmers.com/blueberry-compact>.

File: 0141-blueberry-COMPACT-Sensor Connections-(Temperature and Humidity)

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