Connection Diagram of Iotron™ pH & ORP Sensors WITH Preamplifiers to

Honeywell UDA2182 Transmitters

Wire Color Coding	Instrument Terminal Name	Honeywell Terminal Number
Blue	(+) Volt Supply	15
Green	(-) Volt Supply	14
Black	Reference (Supply Common)	13
Orange	pH Input Signal	11
White	RTH Low	5
Red	RTH High	4

IMPORTANT NOTE 1: Terminal #5 (RTH Low) and #6 (RTH Sense / RTH 3rd Wire) MUST be jumpered together for proper operation and display of the temperature.

IMPORTANT NOTE 2: Please select PT1000 as the temperature compensation element in the UD2182 transmitter to ensure proper temperature compensation for the sensor. Please check the displayed temperature prior to calibration to ensure that the TC configuration was successful.