



Connection Diagram of Iotron™ Sensors with Preamplifiers to  
Uniloc-Rosemount 1055 Single & Dual Channel pH/ORP Analyzers

For Input Channel 1

<b>Cable Color Coding</b>	<b>Terminal Name</b>	<b>Terminal Number</b>	<b>Terminal Block</b>
Purple	RTD RETURN 1	6	TB3
Blue	RTD SENSE 1	5	TB3
Yellow	RTD IN 1	4	TB3
Red	REFERENCE IN 1	6	TB4
Red	SOLUTION GND 1	4	TB4
White	pH/ORP IN 1	1	TB4
Black	- 5V	12	TB3
Green	+ 5V	11	TB3

For Input Channel 2 (If 1055 is a Dual Channel pH/ORP Analyzer Only)

<b>Cable Color Coding</b>	<b>Terminal Name</b>	<b>Terminal Number</b>	<b>Terminal Block</b>
Purple	RTD RETURN 2	7	TB3
Blue	RTD SENSE 2	8	TB3
Yellow	RTD IN 2	9	TB3
Red	REFERENCE IN 2	6	TB5
Red	SOLUTION GND 2	4	TB5
White	pH/ORP IN 2	1	TB5
Black	- 5V	12	TB3
Green	+ 5V	11	TB3