



Connection Diagram of Iotron™ Sensors with
Preamplifiers to Foxboro 870IT pH/ORP/ISE Transmitters

Cable Color Coding	Instrument Terminal Name	Foxboro Terminal Number
White	RTD	1
Black	RTD.	2
Orange	RTD	2A
Red	Measure	3
Yellow	Solution Ground	4
Purple	Reference	5
Clear	Shield	5A
Brown	V +	6
Blue	V -	7
Green	Diagnostic	8

Note: Temperature compensator is 1000 Ohm Platinum RTD