Connection Diagram of Iotron™ Sensors without Preamplifiers to Uniloc-Rosemount 54e Single Channel pH/ORP/ISE Analyzers

Cable Color Coding	Terminal Name	Terminal Number (on Terminal Block TB1)
Back	RTD Sense	4
Black	RTD In	5
Red	Ref In	7
Clear	mV In	10

Note 1: Set Preamp Location Jumper to "Analyzer" in Front Panel.

Note 2: A jumper is required between Terminal Numbers 7 & 8 on Terminal Block TB1. This will disable any diagnostics for reference impedance in the analyzer. A second jumper is required between Terminal Numbers 3 & 4 on Terminal Block TB1. This disables the automatic cable length compensation for the 100 Ohm Platinum Temperature Element (temperature must be calibrated manually in the transmitter, if required). No manual calibration of the temperature element should be required for cable lengths of less than 16 feet.