Connection Diagram of Iotron^{TM} Sensors without Preamplifiers and without solution grounds to Rosemount XMT Two-Wire pH/ORP Analyzers

Connection from Iotron^{TM} Sensor to Terminal Block in Rosemount Transmitter

Iotron^{TM} Cable Color Coding	Rosemount InstrumentTerminal Name	Rosemount Terminal Number
Clear	pH/ORP Input	8
Red	Reference	5
Black	RTD In	3
Black	TC Return	1

Note 1: The temperature compensator is 100 Ohm Platinum

Note 2: Terminals 5 & 6 and terminals 1 & 2 must be tied together to satisfy the analyzer input requirements and disable the reference diagnostic features (pH glass diagnostics should still be available).