

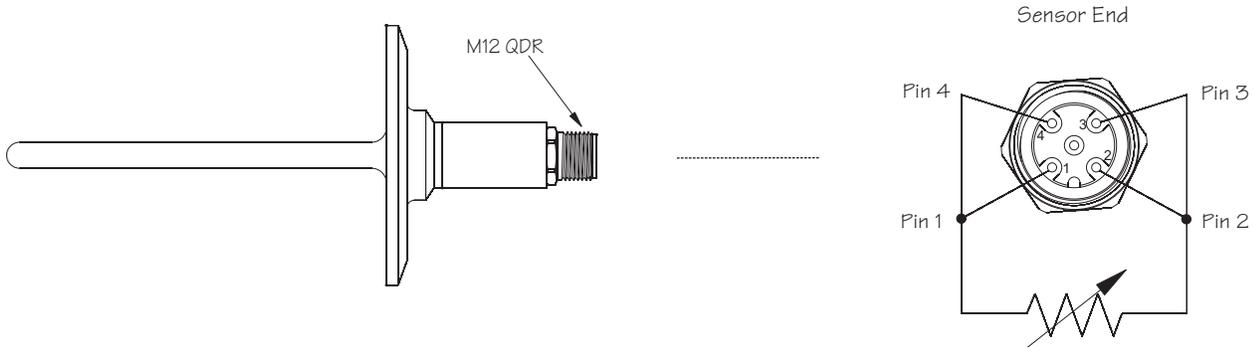


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# Technical Bulletin

RTD with Quick Disconnect Receptacle  
 Quick Start Installation Guide

## Section 1 - Sensor Pin Out



### WARNING:

The M12 QDR is permanently sealed to the sensor. DO NOT attempt to remove the strain relief, or the warranty will be voided.

## Section 2 - Field Wireable Connector Assembly

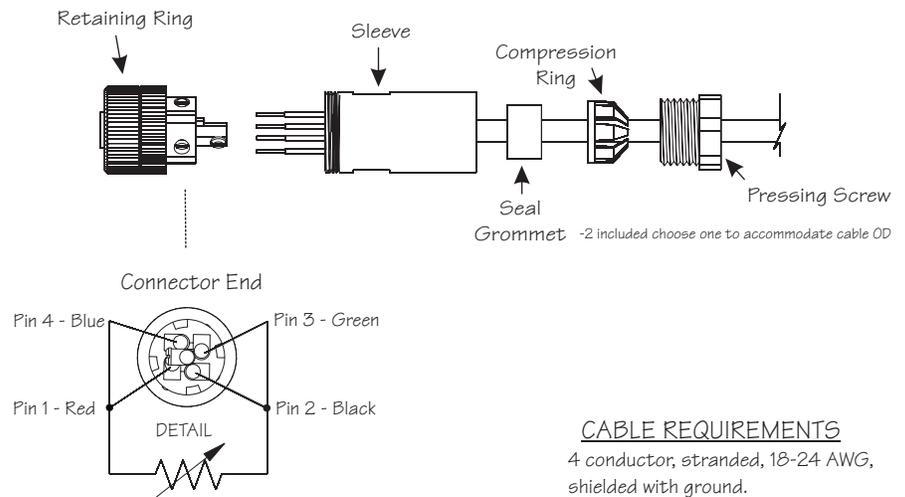
1. Insert cable through Pressing Screw, Compression Ring, Seal Grommet, and Sleeve as shown below.

2. Strip back 1-1/4" of outer sheathing, cut off any excess wires, shield and ground. Strip off 1/4" insulation from remaining two wires. It is not necessary or recommended to tin the wires.

3. Screw on the Sleeve. Hand-tighten only.

4. Press the Seal Grommet into the Sleeve and hand-tighten the Pressing Screw.

5. Use a wrench to tighten the Pressing Screw another 3/4 turn. Do not over-tighten!



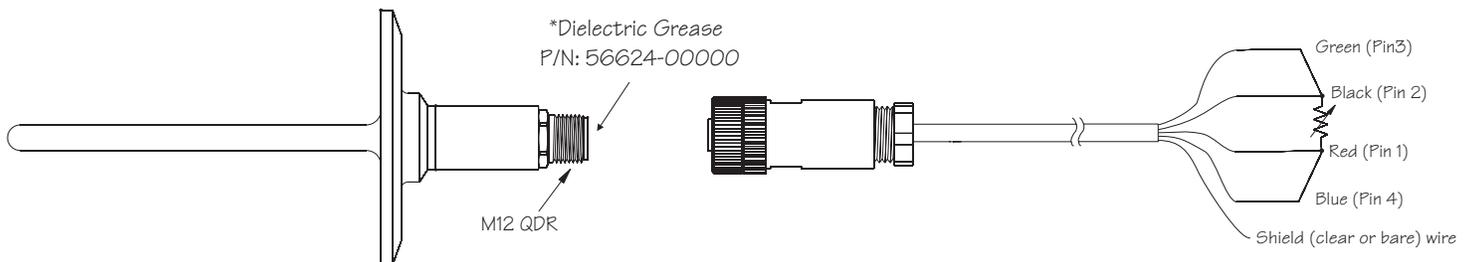
### CABLE REQUIREMENTS

4 conductor, stranded, 18-24 AWG, shielded with ground.  
 4-8mm (0.16-0.31") Cable Sheath OD

## Section 3 - Sensor Connector Assembly

To install connector, simply line up key, press into receptacle, and hand-tighten the retaining ring.

Field Wireable Connector (assembled)  
 P/N: 42119B0000 (without cable)



\*Receptacle pins should be coated with USDA approved dielectric grease to minimize possibility of corrosion.