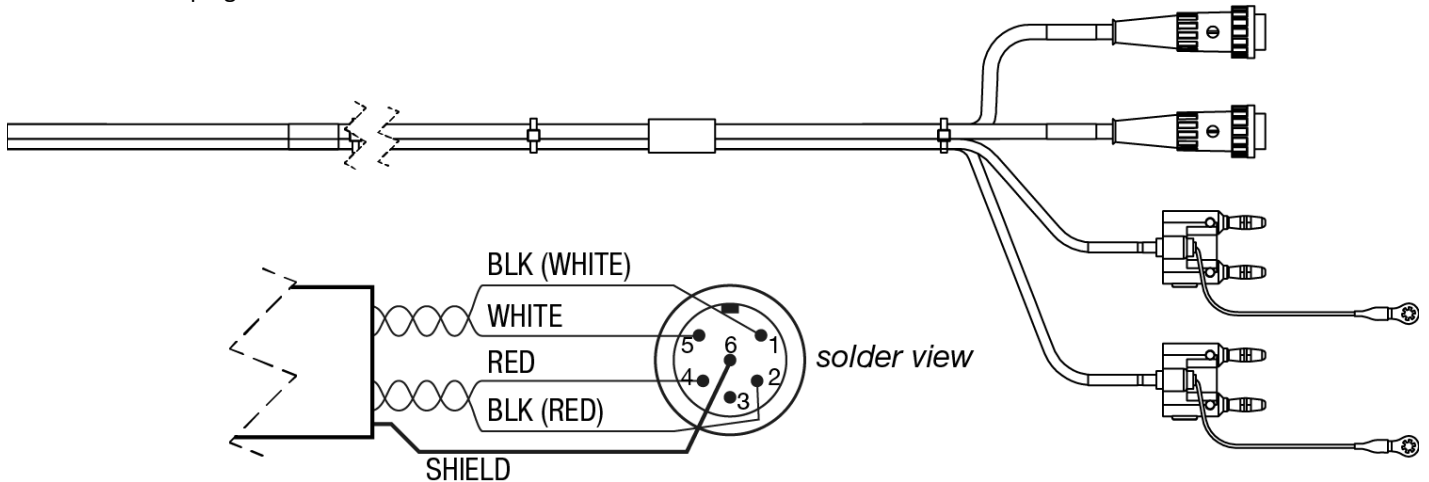


Sensor and Heater Cable Assembly

This cable simplifies the process for connecting sensors to Lake Shore Cryotronics temperature monitors and controllers that use:

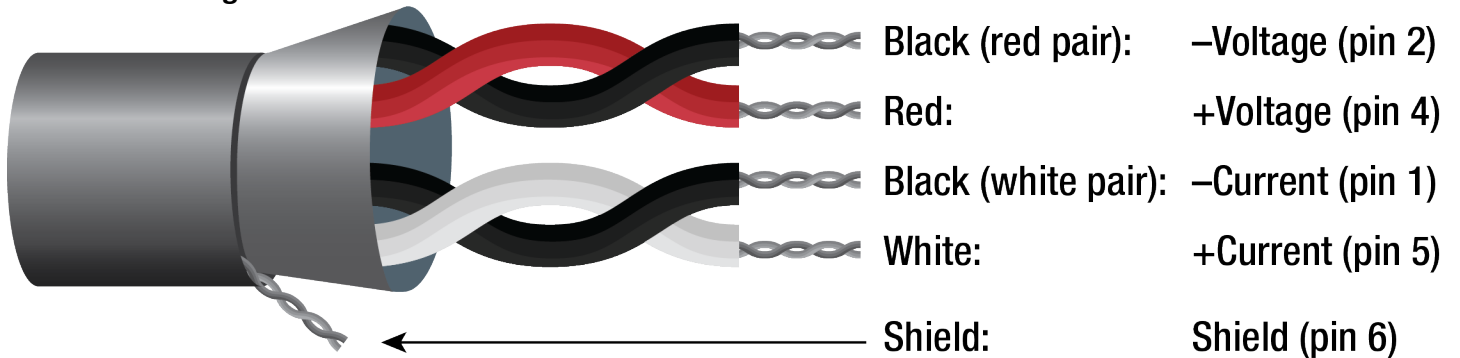
- 6-pin DIN connector for sensors; and/or
- Banana plugs for heater connection



Sensors and heaters can easily be soldered to the wires at the bare end of the cable assembly. If additional reach is required between sensors or heaters, cable ties may be cut free to allow more freedom with the individual cables.

WARNING: Do not solder sensors to the cable assembly when the assembly is connected to the instrument. ESD from soldering irons has been known to cause damage to instruments that were connected to the cable assembly at the time of soldering.

Sensor cable diagram



Please note: Previous versions of these cables used a 6-wire (3 twisted pair) cable for each sensor connection. These wire allocations were used:

Black (red pair):	V-	Black (green pair):	I-
Red:	V+	Green:	I+

The black/white pair was not attached to the 6-pin connector.

For additional information on the installation of sensor or heater cables, please refer to Chapter 3 of the instrument manual (may be downloaded from www.lakeshore.com).