Thermistor String Worksheet

Originator (Sales Team)	Customer Name	Sales Order #	SME Approval

1. What **Model** of thermistor string is required? _____

2. What is the overall **String Length**? (see Figure) _____   **Measurement units**: ☐ Meters   ☐ Feet

3. Indicate **Distance from Sensor 1 to each additional Sensor** (temperature measurement location):

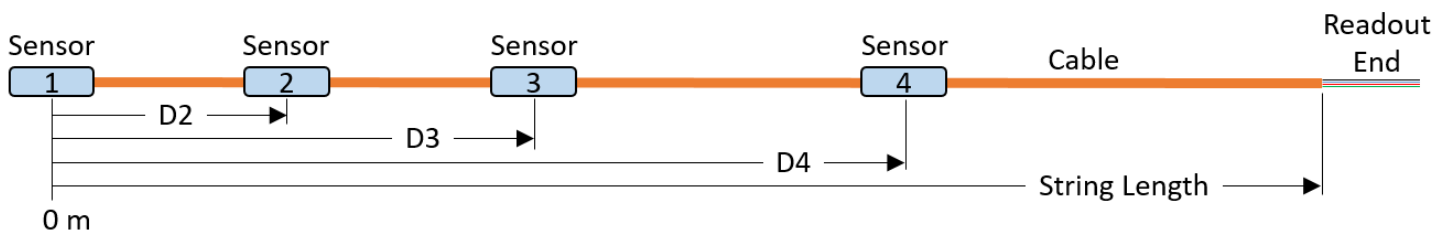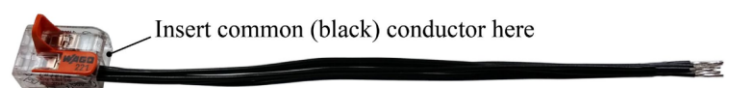| Sensor	D, Distance		Sensor	D, Distance
1	0		17	
2	0.25		18	
3	0.25		19	
4	0.25		20	
5	0.25		21	
6	0.25		22	
7	0.25		23	
8			24	
9			25	
10			26	
11			27	
12			28	
13			29	
14			30	
15			31	
16			32	

Figure – Thermistor String

Notes:
- **D2 = Distance from Sensor 1 to Sensor 2**
- **D3 = Distance from Sensor 1 to Sensor 3**
- **Etc.**

Other comments:

 # 8032-27 Jumpers required: ☐

Jumpers are required to connect the common conductor to a datalogger or Mulitiplexer. One jumper is required for every 6 temperature measurement points. One extra jumper is required if # points is greater than 6.

Example: 15 sensors = 4 jumpers required *(1 for 1st 6 points, 1 for 2nd 6, 1 for remaining 3, 1 extra since # points >6)*

Insert common (black) conductor here

8032-27 Jumper