Metal and Silicon Carbide Protection Tube Thermocouple Assemblies

**Design Features**
- Right Angle for Over-the-Side Application
- Cast Iron or Aluminum Head
- Available with Metal Pipe or Silicon Carbide (Carbon Bonded) 2300°F (1260°C)

**Ordering Information**
Thermocouples are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

**Ordering Code:** TCS -

- **Elbow Type** 5 = Standard Fixed Elbow
- **Pipe and Tube Size**
  - H = 1/2" Pipe (.84" OD × .62" ID)
  - M = 3/4" Pipe (1.05" OD × .82" ID)
  - N = 1" Pipe (1.31" OD × 1.05" ID)
  - R = 1-5/8" OD × 7/8" ID (Cast Iron Only)
  - S = 2-1/16"OD (Silicon Carbide Only)
  - X = Other (Specify)
- **Sheath Material**
  - 1 = Carbon Steel (Black Pipe)
  - 2 = 304 SS
  - 3 = 316 SS
  - 4 = 446 SS
  - 5 = Cast Iron (1-5/8" OD × 7/8" ID Only)
  - 6 = Alloy 601
  - 7 = Silicone Carbide (2-1/16" OD Only)
  - X = Other (Specify)
- **Calibration Code**
  - J = Type J
  - K = Type K
  - X = Other (Specify)
- **Wire Gauge**
  - B = 20 ga.
  - C = 14 ga.
  - D = 8 ga.
- **"L1" Dimension**
  - Whole inches 12 to 96 (in 6-inch increments)
  - Silicone Carbide and Cast Iron are available in limited lengths.
- **"L2" Dimension**
  - Whole inches 12 to 96 (in 6-inch increments)
- **Connection Head**
  - A = Standard Size Aluminum
  - H = Standard Cast Iron
  - S = Stainless Steel
  - X = Other (Specify)
  - Note: All have 1/2" conduit connection (3/4" available). For overall dimensions see pages 14-98 through 14-100.
- **Special Requirements**
  - X = Specify
  - 0 = None

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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