**RTDs with Transmitter and Connection Head**

**Design Features**
- 100 ohm RTD
- 4-20mA Programmable Linear Output Transmitter
- Available with Spring-Loaded Sheath
- Temperature Range of -58°F to 500°F (-50° to 260°C)
- Transmitter Accuracy of +/0.2% of temperature span
- For field programming of the temperature transmitter see Part Number ETM90006 on page 12-45
- Available in Single 3-wire Circuit only
- 1/2” NPT process connection

**Ordering Information**

RTDs 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:** RTM

1. **Element Class**
   - BOX 1
     - **A** = +/-0.06% At 0°C (Optional)
     - **B** = +/-0.12% At 0°C (Standard)

2. **Sheath O.D.**
   - BOX 2
   - **F** = .125"
   - **G** = .188"
   - **H** = .250"

3. **Sheath Material**
   - BOX 3
   - **B** = 304 SS
   - **C** = 316 SS

4. **Sheath Length “L”**
   - BOX 4
   - **Whole inches**
   - 01 to 99

5. **Sheath Length “L”**
   - BOX 5
   - **Fractional inches**
   - 0 = 0”
   - 1 = 1/8”
   - 2 = 1/4”
   - 3 = 3/8”
   - 4 = 1/2”
   - 5 = 5/8”
   - 6 = 3/4”
   - 7 = 7/8”

6. **Transmitter Type**
   - BOX 6 (Enter Code Below)
   - **Temperature low range**
   - **Temperature high range**
   - **Unit**
   - °F
   - °C
   - 1 = Non-isolated (Standard)
   - 2 = Isolated

7. **Connection Head**
   - BOX 7
   - **A** = Standard Aluminum
   - **B** = Medium Size Aluminum
   - **S** = Stainless Steel
   - **P** = Polypropylene Head (FDA Approved)
   - **H** = Standard Cast Iron
   - **L** = Aluminum Head with LCD Indicator (EMT10001)
   - **M** = Heavy Duty Aluminum Head with LCD Indicator (EMT20001)

**Note:** Conduit connection for A, H & S is 1/2”, for B is 3/8” NPT, for P is 3/4” NPT. For overall dimensions see pages 14-98 through 14-100.

8. **Spring-Loaded Probe**
   - BOX 8
   - **0** = Not Required
   - **Y** = Required

9. **Special Requirements**
   - BOX 9
   - **X** = Specify
   - **0** = None

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

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