PHARMACEUTICAL & BIOTECH THERMOCOUPLES & RTD'S LEAD LENGTH 2.25 IMMERSION LENGTH SHEATH DIAMETER **TEFLON** SHRINK TUBE TRANSMITTER IN STN. STL. HOUSING IMMERSION LENGTH CODE (IN INCHES) CODE LEAD LENGTH (IN INCHES) LIST-II-GP — 03 — 14 — 18 **TEFLON** SHRINK TUBE CODE SHEATH DIAMETER 3/16" (.187") 316 1/4" (.25") CODE TEMPERATURE RANGE -200°C to 0°C (-328°F to 32°F) 01 -50°C to 0°C (-58°F to 32°F) 02 -50°C to 50°C (-55°F to 122°F) 03 04 0°C to 50°C (-32°F to 122°F) 0°C to 100°C (-32°F to 212°F) 05 0°C to 150°C (-32°F to 302°F) 06 07 0°C to 200°C (-32°F to 392°F) NO RANGE (FOR FIELD PROGRAMMING) 00 **SPECIFICATIONS** RTD Type

Structure: Single Material Platinum

Resistance at 0° C.: 100 OHMS

Temperature Coefficient of Resistance(TCR): .00385

Sheath Material: 316 Stainless Steel

Temperature Range: -58 to +500° F.

Lead Wire:

Conductor Size: 24 Gauge Stranded Conductor Material: Copper Insulation: Teflon(FEP)

Jacket: Teflon(FEP)

Transmitter

Output: 4 to 20 mA, Linear to Temperature Range

Accuracy: 0.25°C + 0.42% of Temperature Reading or Better

Power Supply: 9-48VDC Polarity Protected

Maximum Loop Resistance: (Vsupply - 7) x 40 OHM's

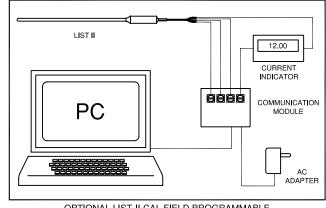
Supply Voltage Effect: ≤±0.02% FS/°C Temperature Effects: ≤±0.01% FS/°C

Ambient Operating Temperature: -40°C to 80°C (-40°F to 176°F)

Maximum Loop Current: 24mA

Response Time (10% to 90%): 3 Seconds

Long Term Stability (Transmitter under Power): ≤0.1% FS after 5,000 Hrs. at 400°C



OPTIONAL LIST-II-CAL FIELD PROGRAMMABLE **CONFIGURATION KIT**



SECTION CEPC

L.I.S.T. II LINEAR INTEGRATED SENSOR TRANSMITTER FIELD PROGRAMMABLE

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