IMMERSION RTD'S

TEMPERATURE RANGE: -58°F to 500°F (-50°C to 260°C)

SPECIFICATIONS
RTD Element
Type: Platinum, Thin Film
Resistance @ 0°C: 100 Ohms
Temperature Coefficient of Resistance: 0.0385
Sheath Material: 316 Stainless Steel

Lead Wire
Conductor Size: 24 Gauge Stranded
Conductor Material: Nickel Plated Copper
Insulation: Fiberglass or Teflon (FEP)
Armor: Stainless Steel, Flexible

Connectors
Body Material: Thermoplastic
Polarized Pins
Spring Loaded Inserts
Maximum Temperature Limit: 390°F (200°C)

ORDERING CODE

CODE SHEATH DIAMETER AVAILABILITY (CONDUCTORS TOTAL)
18 1/8" (3.2mm) SINGLE 2W 2W
3/16" (4.8mm) DUPLEX 2W/4T 2W/4T
14 1/4" (6.4mm)

CODE IMMERSION LENGTH IN INCHES MAX LENGTH
18 14 18 96 2 0
3/16" (4.8mm)

CODE LEAD LENGTH IN INCHES
18 1/4" (6.4mm)

CODE STRUCTURE LEAVE BLANK
18 1/4" (6.4mm)

CODE LEAD WIRE INSULATION
2 FIBERGLASS/ARMOR OVERALL
8 TEFLOM/ARMOR OVERALL

CODE TERMINATION
A SAE EADS (NOTE 1)
T STANDARD SIZE 3 PIN PLUG
L STANDARD SIZE 2 PIN PLUG
C STANDARD SIZE 4 PIN PLUG
H MINIATURE 2 PIN PLUG
H MINIATURE 3 PIN PLUG
H STANDARD SIZE 6 PIN PLUG

CODE MATING CONNECTOR
T1 STANDARD SIZE 3 PIN JACK
N STANDARD SIZE 2 PIN JACK
C1 STANDARD SIZE 4 PIN JACK
K MINIATURE 2 PIN JACK
K3 MINIATURE 3 PIN JACK
TT3 STANDARD SIZE 6 PIN JACK

Notes:
(1) Available with spade lugs, replace "A" with "LG".
(2) For an item that does not fall within the catalog description an (SP) can be added to the ordering code as part of a custom construction.