 Dynisco TI422J
Adjustable Thermocouples

Description

Model TI422J is an alternative thermocouple which allows simple, rapid adjustment of the immersion length to suit each application. The thermocouple can be specified with either a bayonet cap on an 8" spring to allow for up to 7" of adjustable immersion, or a bayonet cap on the flexible armor to allow for full "B" length adjustable immersion. Dynisco’s temperature thermocouples are designed and manufactured to applicable ISA standards with accuracy traceable to the National Institute of Standard Technology (NIST)

Features

- Spring or armor adjustable
- 0 to 900°F measurement range
- 5 foot and 10 foot lengths
- Fiberglass insulated element
- Application versatility
- Wide range of measurements
- Handles standard application requirements
- Protects the wire
Ordering Guide

TI422J-XXX-XXX

**Style**
- S = Bayonet cap on 8" spring
- A = Bayonet cap on flexible armor

**Leadwire**
- 060 = 5' length
- 120 = 10' length

**Options**
- P2B = Positive seat indicating bayonet cap with 1/8" OD tip and 0.210" OD flexible armor
- P3B = Positive seat indicating bayonet cap with 3/16" OD tip and 0.210" OD flexible armor

**Terminations**
- 0 = Stripped wires 2" (50mm) long
- 1 = Standard plug Type J male thermocouple connector

1. Leadwire: 20 gauge, fiberglass insulated
2. Options are available on model TI422JA only

All dimensions are in inches (millimeters) unless otherwise specified.
Wiring Label/Rear Terminals

POWER INPUT

22-65VDC
20-48VAC
100-240VAC

Double-Pole Switch
Anti-Surge Fuse
(1A 85-264Vac)
(315mA 24/48V ac/dc)

OPTION 1
mA or VDC Retransmission

OPTION 3
Single Relay
N/C C N/O

OPTION 2
N/O C N/C Single Relay

LOGIC INPUT

CALIBRATION OUTPUT

STRAIN GAUGE SIGNAL

RTD

THERMOCOUPLE

LINEAR V/MV

LINEAR mA

UNIVERSAL INPUT