Configuration Code XP01
Hazardous Location Flame-Proof-Certified,
Fixed-Element RTD Assemblies

Flame-Protection, Fixed-Element RTDs are made for use in IEC hazardous areas. They are designed to extinguish flames inside the device, eliminating the potential for ignition of flammable mixtures in the surrounding atmosphere. ATEX and IECEx certified assemblies are rated for Ex db IIC Gb and Ex tb IIC Db locations for applications with process temperatures of 180 °C or less. They may be installed directly in the process without being inserted into a thermowell. The assemblies feature 316 stainless steel sheaths in various diameter sizes. They are available with or without process mountings and with aluminum or stainless steel explosion-proof connection heads.

Example
Order Number:  

- **CODE**
- **DESCRIPTION**
  - 6HN 1/2" x 1/2" NPT steel hex nipple 1" "E" length
  - 8HN 1/2" x 1/2" NPT stainless steel hex nipple 1" "E" length
  - 9HP 1/2" NPT stainless steel bushing (no process threads)

- **CODE**
- **DESCRIPTION**
  - 00 No Fitting
  - 8HN 94, T- Select Type and Range from back of Section

5-1 Head Terminations

- **CODE**
- **DESCRIPTION**
  - 75T-642E (4 to 20) mA HART® Field Transmitter with aluminum flame-proof housing
  - 77T-662E (4 to 20) mA HART® Field Transmitter with dual cavity aluminum flame-proof housing
  - 93 Aluminum flame-proof head
  - 94 316L stainless steel flame-proof head

5-2 Options

- **CODE**
- **DESCRIPTION**
  - SB 1/2" NPT conduit reducer bushing, Aluminum
  - I Stainless steel tag
  - M2 M20x1.5 conduit reducer bushing, Nickel Plated Brass
  - M5 M25x1.5 conduit reducer bushing, Nickel Plated Brass
  - T-441 (4 to 20) mA isolated head-mounted transmitter
  - T-442 (4 to 20) mA HART® isolated head-mounted transmitter
  - T82-00 (4 to 20) mA dual input, isolated HART® head-mounted transmitter

See transmitter ordering information in back of section.

5-0 Head Mounting Fittings

- **CODE**
- **DESCRIPTION**
  - 6HN 1/2" x 1/2" NPT steel hex nipple 1" "E" length
  - 8HN 1/2" x 1/2" NPT stainless steel hex nipple 1" "E" length
  - 9HP 1/2" NPT stainless steel bushing (no process threads)
  - 8RND 3/4" x 1/2" NPT stainless steel hex nipple

4-0 Sheath Mounting Fittings

- **CODE**
- **DESCRIPTION**
  - 00 No Fitting

3-0 "X" Dimensions

Insert three digit sheath length ("X" Dimension) in inches.

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