

Robertshaw®

TP-75 & CP-2 1950 & 1951 SERIES

THERMOPILES



Robertshaw® thermopiles are the industry leader for gas appliance applications. Their primary function is to ensure a standing pilot light is operative so that on a call for heat, the main burner gas will be properly ignited. Thermopiles are placed in gas applications to detect the existence of a flame for safety purposes by shutting off the potential gas flow to a burner.

A thermopile is the assembly of many thermocouples to increase the millivolt output. Robertshaw thermopiles have two types of connections: coaxial and two-wire spade connectors.

The 1950 thermopiles, also known as TP-75, are two-wire spade connectors. The 1951 thermopiles, also known as CP-2 (500-600 millivolts) are coaxial connectors.

The 1950 and 1951 Series Thermopiles (pilot generators) are designed for use on self-powered gas control systems. They can be used to replace similar competitive devices.

Features and Benefits

- Easy burner installation with attached threaded nut
- Stainless steel outer jacket for long life and resistance to heat blistering
- Combination of copper and nickel alloys for good electrical conductivity
- Mica washer to insulate from shorting conditions
- Various lengths available for multiple applications

Specifications

- Lead lengths range from 18 to 60" (460 to 1525 mm)
- Open circuit output: 500-750 millivolts
- Connection Type: Male connector nut
- Includes PG9 Pilot Adaptor

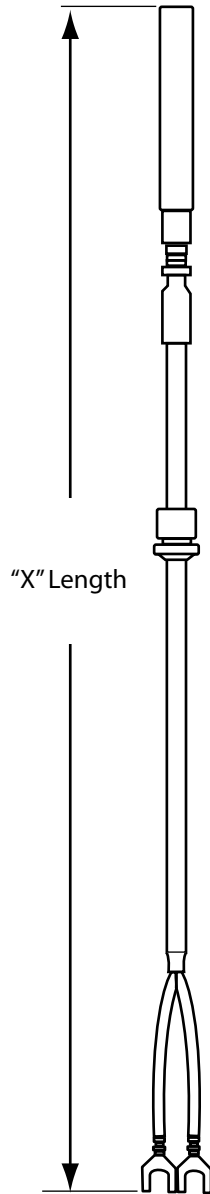


An ISO 9001 – 2008 Certified Company

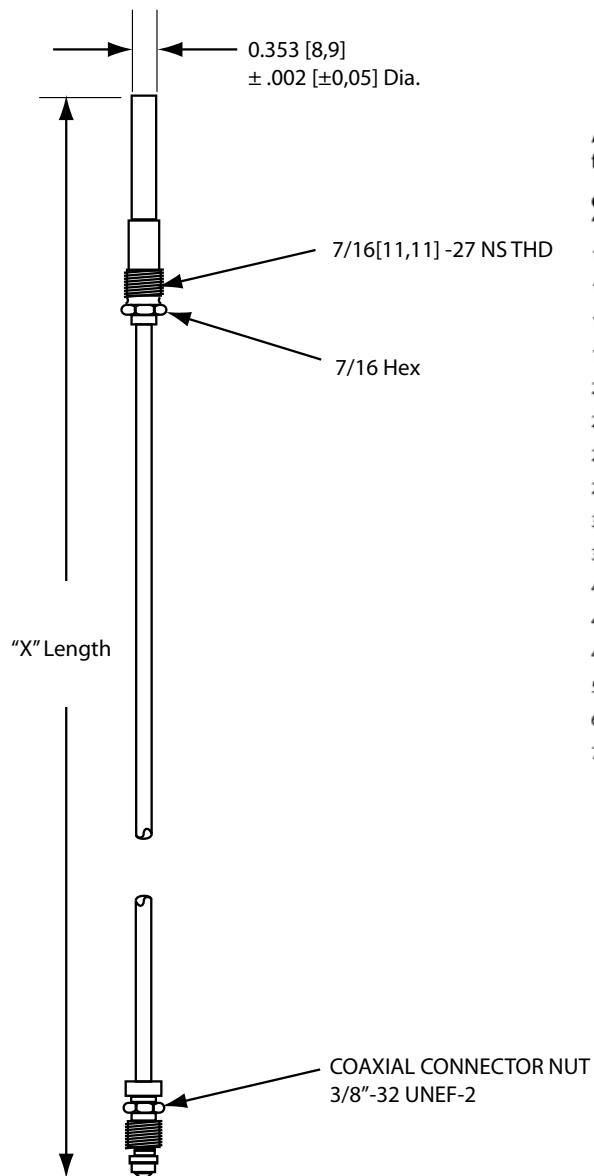
PRODUCT DIMENSIONS

Dimensions are inches and [millimeters].

TP-75 Series



CP-2 Series



Available in the following lengths:

Overall "X" Length

12" [304,8]
15" [381,0]
18" [457,2]
19" [482,6]
20" [508,0]
21" [533,4]
24" [609,6]
26" [660,4]
30" [762,0]
36" [914,4]
40" [1016,0]
42" [1066,8]
48" [1219,2]
54" [1371,6]
60" [1524,0]
72" [1828,8]