

# 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

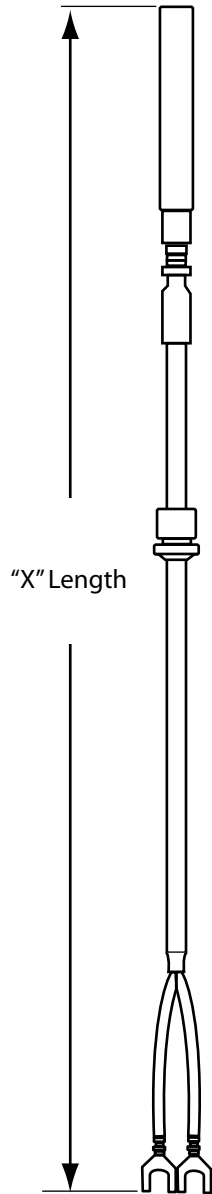


An ISO 9001 – 2008 Certified Company

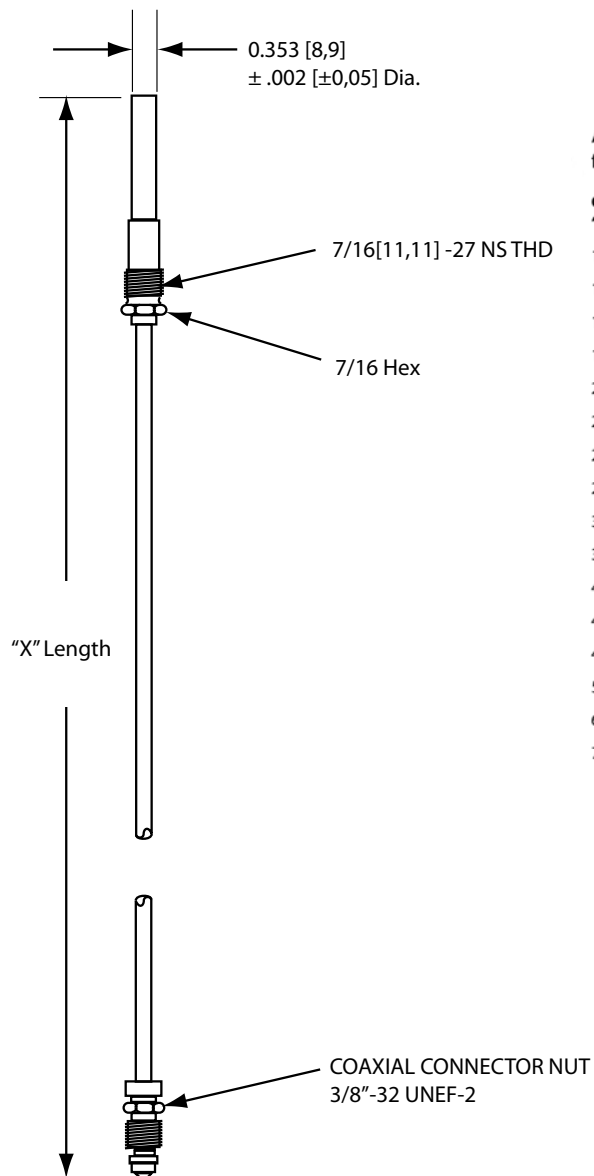
### PRODUCT DIMENSIONS

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]