

## Description

KMC TTC-2003, 2004 and 2005 are designed measure room temperature and transmit a fixed span 3-15 psig signal to controlling and indicating devices.

The TTC-2003, 2004, and 2005 devices feature a copper averaging element. The element may be inserted into the air stream in a direct or serpentine fashion. Capillary clips (HMO-4523) should be used to support a serpentine element across the air stream.

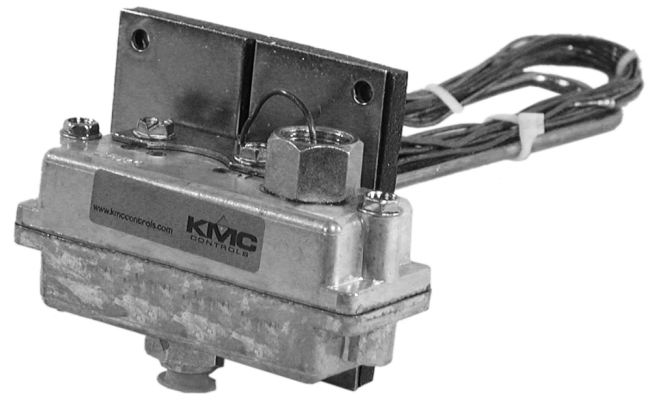
The transmitters require a restrictor T (HFO-0022 or HFO-0023) and a constant air source for proper operation.

## Features

- ◆ Fully proportional 3 to 15 psi (21 to 103 kPa) signal
- ◆ Three temperature ranges and element lengths
- ◆ Insert directly into an air stream or serpentine across
- ◆ Uses a stainless steel mechanism and copper element to ensure accurate and dependability

## Applications

Typical uses include receiver controllers and gauges, relays and pressure switches.



## Models

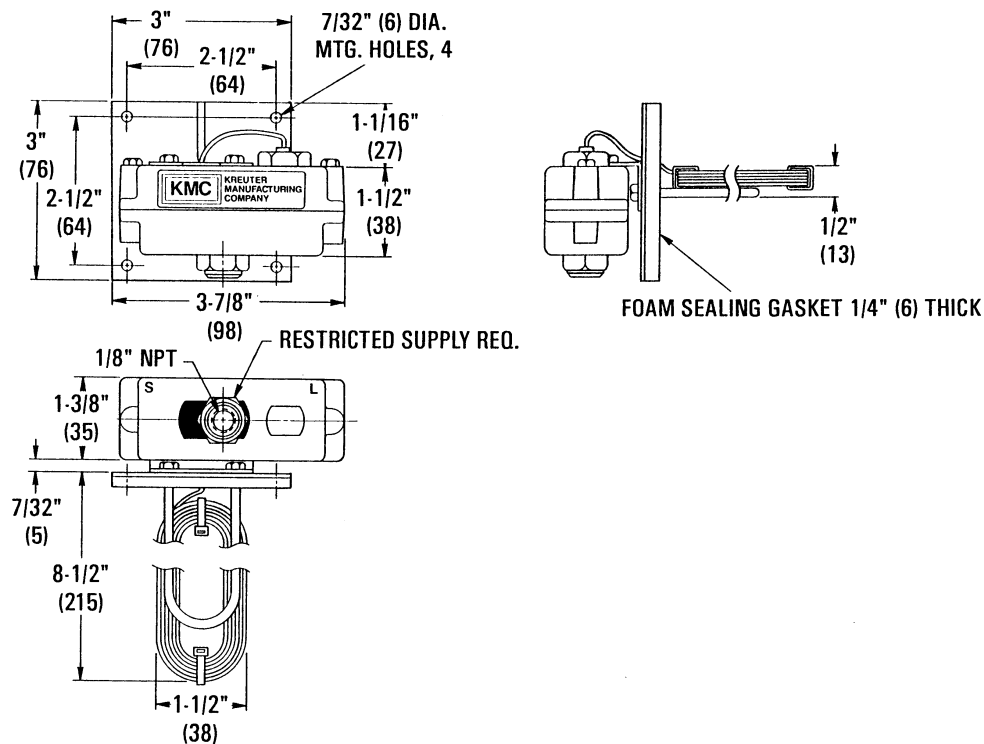
TTC-2003	0° to 100° F (-18° to 38° C) range, element is 17 feet long (5.18 m)
TTC-2004	50° to 150° F (10° to 66° C) range, element is 20 feet long (6.09 m)
TTC-2005	50° to 100° F (10° to 38° C) range, element is 23 feet long (7.01 m)

## Accessories

HFO-0022	Restrictor T for polyethylene tubing
HFO-0023	Restrictor T for copper or polyethylene tubing
HMO-4523	Capillary mounting clips

## Details

All dimensions in inches (mm)



## Specifications

<b>Action</b>	Direct acting, proportional
<b>Range</b>	-40° to 160° F (-40° to 71° C)
<b>Output Pressure</b>	3 to 15 psig (21 to 103.5 kPa)
<b>Supply Pressure</b>	20 psig (138 kPa) supplied through a 8.8 scim (7.87 mL/s) restrictor (HFO-0022 or HFO-0023) 30 psig (207 kPa) max.
<b>Air Consumption</b>	28.8 scim (7.87 mL/s)
<b>Air Connections</b>	1/8" FPT
<b>Material</b>	Zinc case, brass and stainless steel mechanism, copper element
<b>Weight</b>	1.5 lbs (.68 kg)
<b>Temperature Limits</b>	
Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

## !CAUTION

Pneumatic devices MUST operate with CLEAN, DRY, control air. Any other medium will result in the device's eventual failure.

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