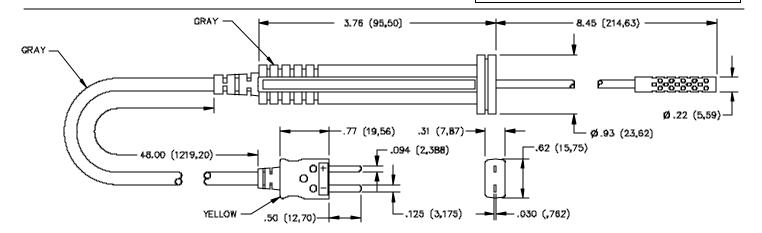
Pomona®

Model 6374 Temperature Probe For Air/Gas Measurement



FEATURES:

- Stainless Steel baffle to protect thermocouple.
- "K" type thermocouple with mini-connector for use with DMM's
- Having temperature measurement capabilities.

MATERIALS:

Thermocouple – "K" Type, Chromel/Alumel

Probe Sheath – (Outer) Stainless Steel 304, (Inner) Inconel

Baffle - Stainless Steel 304.

Cable – AWG #24, Type KX extension wire, insulation gray PVC.

Connector Plug – Yellow Hytrel 4776

Handle - Gray Hytrel 5556.

RATINGS:

Temperature Range: Probe –320 to 1500°F. (-196 to 815°C.)

Plug & Handle - -40 to 257°F. (-40 to 125°C.)

Cable - 221°F. (105°C.)

Accuracy: $-320 \text{ to } -156^{\circ}\text{F.} (-196 \text{ to } -110^{\circ}\text{C.}) + 4\%$

-156 to -40°F. (-110 to -40°C.) +7.9°F. (+4.4°C.)

-40 to 527° F. (-40 to 275° C.) $+4.0^{\circ}$ F. ($+2.2^{\circ}$ C.)

527 to 1500° F. (275 to 815° C.) + 0.75%

Time Constant: 3.0 seconds in 100°C. air moving at 10 FPS.

Sensing junction grounded.

Note: For low voltage environments. Do not exceed30VAC/60VDC

ORDERING INFORMATION: Model 6374.

All dimensions are in inches. Tolerances (except noted): $.xx = \pm .02$ " (,51 mm), $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies. Made in USA

6/9/99

SY/FH/LS

Sales: 800-490-2361 Fax: 888-403-3360 Technical Assistance: 800-241-2060 Pomona*ACCESS* **90741** (800) 444-6785 or (425) 446-6010 More drawings available at www.pomonaelectronics.com

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