



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 to -156°F. (-196 to -110°C.) $\pm 4\%$
 -156 to -40°F. (-110 to -40°C.) $\pm 7.9^\circ\text{F.} (\pm 4.4^\circ\text{C.})$
 -40 to 527°F. (-40 to 275°C.) $\pm 4.0^\circ\text{F.} (\pm 2.2^\circ\text{C.})$
 527 to 1500°F. (275 to 815°C.) $\pm 0.75\%$

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

Sensing junction grounded.

Note: For low voltage environments. Do not exceed 30VAC/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.
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