



Fluke Process Instruments

Oven Tracker® XL2 Thermocouple Range 2

A comprehensive range to suit your exact application needs

- Designed to be accurate, repeatable and easy to operate
- Exceptionally durable, quad wrapped, 10 strand 36 AWG (0.125 mm/0.005 in), metal braid and PTFE sheathed* Type K thermocouple
- Specified to ANSI MC96.1 Special Limits of Error ($\pm 0.4\%$ or $\pm 1.1\text{ }^\circ\text{C}/\pm 2.0\text{ }^\circ\text{F}$, whichever is greater)
- IEC584 color standard (green) for Type K thermocouples
- Strong 'crimped' plug/cable attachment
- Circular cable cross section to reduce kinking and twisting
- Various cable lengths available

(*does not apply to PA0060/61/62, PA0215 and PA0180/82)

CLAMP THERMOCOUPLES

Clamp Surface

Clips to non-ferrous components for measuring substrate temperature.

PA0011	1.5 m (5 ft)	Maximum temperature 265 °C (509 °F)
PA0012	3.0 m (10 ft)	Maximum temperature 265 °C (509 °F)

Clamp Air

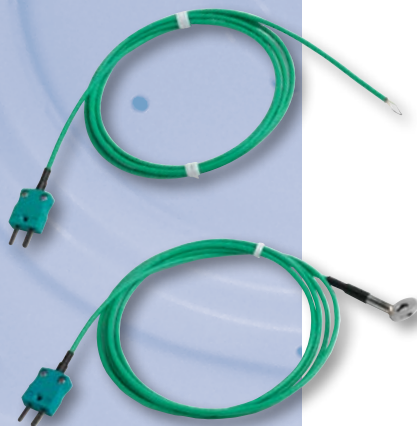
Clips to non-ferrous components for measuring the surrounding ambient air temperature.

PA0021	1.5 m (5 ft)	Maximum temperature 265 °C (509 °F)
PA0022	3.0 m (10 ft)	Maximum temperature 265 °C (509 °F)

EXPOSED JUNCTION THERMOCOUPLES

Exposed junction designed for use on test pieces that are left permanently rigged. Attached to the substrate by spot welding, soldering, use of high temperature tape or screw (washer). Used in applications, where conventional magnetic and clip attachment methods are not appropriate.

PA0063	1.5 m (5 ft)	Exposed Junction Maximum temperature 265 °C (509 °F)
PA0064	3.0 m (10 ft)	Exposed Junction Maximum temperature 265 °C (509 °F)
PA0081	1.5 m (5 ft)	Washer Maximum temperature 265 °C (509 °F)
PA0082	3.0 m (10 ft)	Washer Maximum temperature 265 °C (509 °F)





ADHESIVE PATCH THERMOCOUPLE

Ultra fast response, single strand and PTFE coated. Employs self-adhesive patch for attachment.

Its minimal thermal mass makes it ideal for small items or plastics. Recommended for use in IR ovens, if the thermocouple requires over coating prior to the test.

PA0061	1.0 m (3 ft)	Maximum temperature 265 °C (509 °F)
PA0060	1.5 m (5 ft)	Maximum temperature 265 °C (509 °F)
PA0062	3.0 m (10 ft)	Maximum temperature 265 °C (509 °F)

EXPOSED JUNCTION THERMOCOUPLE – HIGH TEMPERATURE

Exposed junction thermocouple constructed of glass fiber cable and designed for high temperature coating applications, such as PTFE or Dacromet cure. Attached to the substrate by either high temperature tape or screw, or spot welded into position.

PA0215	0.8 m (2.6 ft)	Fast response, glass fiber Maximum temperature continuous use 355 °C (671 °F); 400 °C (752 °F) intermittent
PA0182	1.5 m (5 ft)	Glass fiber Maximum temperature continuous use 700 °C (1292 °F); 800 °C (1472 °F) intermittent
PA0180	3.0 m (10 ft)	Glass fiber Maximum temperature continuous use 700 °C (1292 °F); 800 °C (1472 °F) intermittent

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Worldwide Service

Fluke Process Instruments offers services, including repair and calibration. For more information, contact your local office.

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