



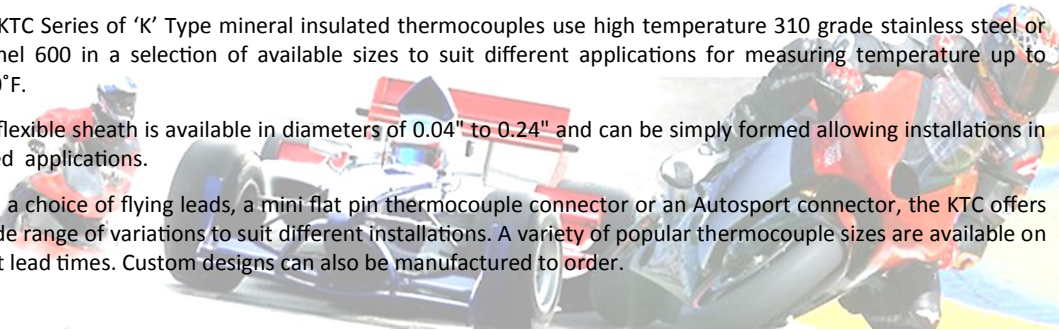
**Sense
Measure
Control**

KTC SERIES THERMOCOUPLE

The KTC Series of 'K' Type mineral insulated thermocouples use high temperature 310 grade stainless steel or Inconel 600 in a selection of available sizes to suit different applications for measuring temperature up to 2000°F.

The flexible sheath is available in diameters of 0.04" to 0.24" and can be simply formed allowing installations in varied applications.

With a choice of flying leads, a mini flat pin thermocouple connector or an Autosport connector, the KTC offers a wide range of variations to suit different installations. A variety of popular thermocouple sizes are available on short lead times. Custom designs can also be manufactured to order.



Features

- *-150°F to +2000°F*
- *0.04"-0.24" Diameter*
- *K Type Junction*
- *Stainless or Inconel*
- *Single or Duplex*

Applications

- *Exhaust gas*
- *Coolant*
- *Surface Temp.*
- *Thermal Profiles*
- *Oil*
- *Air*

TECHNICAL SPECIFICATIONS

Sensor Types	'K' insulated junctions Single or Duplex
Sheath Diameter	0.04" to 0.24"
Measurement Range	-150°F to 2000°F (-100°C to +1100°C)
Cable Operating Temperature	-100°F to 475°F (-75°C to +250°C)
Construction	Stainless Steel 310 or Inconel 600
Electrical Connection	40 ins flat pair PTFE or glass fibre metal braid sleeve
Options	Compression fitting, Cable length, connector fitted, stainless steel braided cable and labelling

Contact us

KA Sensors
Division of
PMC Engineering LLC
11 Old Sugar Hollow Rd
Danbury, CT 06810
USA
sales@pmc1.com
Tel: 203-792-8686
Fax: 203-743-2051
www.kasensors.com

Represented by:



PMC/KA Sensors adopts a continuous development program which sometimes necessitates specification changes without notice

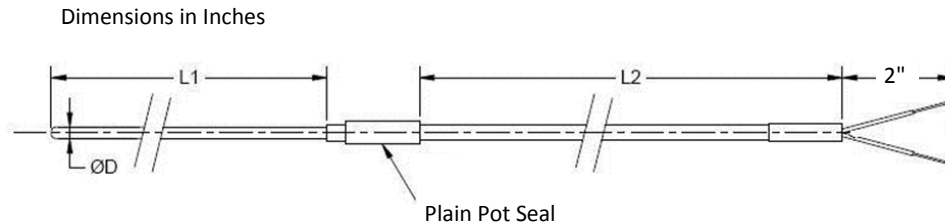
Sensors and solutions for Motorsport and On-Vehicle applications

KAfigurator

	KTC	A04	A02	ST	A10	C	C
Sheath Diameter (in)	0.04 inch	A04					
	0.06 inch	A06					
	0.12 inch	A12					
	0.18 inch	A18					
	0.24 inch	A24					
Sheath Length (in) L1	2 inch	A02					
	3 inch	A03					
	4 inch	A04					
	6 inch	A06					
	8 inch	A08					
	10 inch	A10	A10				
	12 inch	A12	A12				
Sheath Material	Stainless Steel			ST			
	Inconel			IN			
Cable Length L2	40 inch				A40		
Cable Material	PTFE					B	
	Glass Fibre Metal Braid					C	
Connector Fitted	Yes						C
	No						0

The KA configuration tool is used to specify a standard KA Sensor, **other options are available.**

MECHANICAL DETAILS



ELECTRICAL DETAILS

Output	Output
Green	White

Sense Measure Control

Sensors for

- Temperature
- Acceleration
- Pressure
- Position
- Torque
- Speed
- Angle
- Force

Services for

- Data Logging
- Telemetry
- Controls
- Wiring
- Design

KA Sensors are

- Engineering led
- Confidential
- Experienced
- Responsive
- Dynamic
- Friendly

Sensors and solutions for Motorsport and On-Vehicle applications