

THE SENSOR CONNECTION

Temperature Sensing Solutions



www.thesensorconnection.com

EGT PROBES

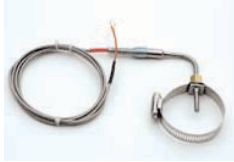
EGT RACING PROBES / SENSORS *Fast Response*

.187 Diameter Probes

EGT Muffler
Clamp Probe

Features:

Exposed Tip Sensing Junction (Fastest Response Time) Includes adjustable Muffler Clamp mounting hardware



Specifications:

Type K Thermocouple • 0°F to 2200°F range (-17°C to 1200°C) • Special Limits of Error (+/- 0.4% of reading) • Inconel 600 sheathing for longevity at high temperatures • Stainless steel over-braid • Teflon™ insulated conductors • Response time: 500 milliseconds
• Made in the USA

Exhaust Probe w/
Compression
Fitting

Features:

Exposed Tip Sensing Junction (Fastest Response Time) Includes adjustable Compression Fitting mounting hardware



Specifications:

Type K Thermocouple • 0°F to 2200°F range (-17°C to 1200°C) • Special Limits of Error (+/- 0.4% of reading) • Inconel 600 sheathing for longevity at high temperatures • Stainless steel over-braid • Teflon™ insulated conductors • Response time: 500 milliseconds
• Made in the USA

EGT Diesel
Probe

Features:

Enclosed Tip Sensing Junction (Foul-Proof)



Specifications:

Type K Thermocouple • 0°F to 2200°F range (-17°C to 1200°C) • Special Limits of Error (+/- 0.4% of reading) • Inconel 600 sheathing for longevity at high temperatures • Stainless steel over-braid • Teflon™ insulated conductors • Response time: 1500 milliseconds • Made in the USA

SEVERE DUTY EGT PROBES / SENSORS *Fast Response*

.250 Diameter Probes

Individual
Harness Probes
Severe Duty

Features:

Exposed Tip Sensing Junction (Fastest Response Time) Includes adjustable Compression Fitting mounting hardware



Specifications:

Type K Thermocouple • 0°F to 2200°F range (-17°C to 1200°C) • Special Limits of Error (+/- 0.4% of reading) • Inconel 600 sheathing for longevity at high temperatures • Stainless steel over-braid • Teflon™ insulated conductors • Response time: 750 milliseconds
• Made in the USA

Exhaust
Temperature
Sensor Harness
8 probes

Features:

8 probes in two complete harnesses Exposed Tip Sensing Junction (Fastest Response Time) Includes adjustable Compression Fitting mounting hardware



Specifications:

Type K Thermocouple • 0°F to 2200°F range (-17°C to 1200°C) • Special Limits of Error (+/- 0.4% of reading) • Inconel 600 sheathing for longevity at high temperatures • Stainless steel over-braid • Teflon™ insulated conductors • Response time: 750 milliseconds
• Made in the USA

Thermocouples and RTDs

Cylinder Head
Temperature
Probe (CHT)



The Cylinder Head Temperature Sensor (CHT Sensor) Survives high vibration and temperatures up to 600 degrees F (315 degrees C). The sensor will fit most 14 mm spark plugs with a cable lead length of 6 feet (2 meters). Installs easily between the cylinder head and spark plug hex.

Specifications:

Type K Thermocouple • Special Limits of Error (+/- 0.4% of reading) • 0 Deg F to 600 Deg F • Range (-17 Deg C to 315 Deg C) • Stainless steel over-braid • Teflon™ insulated conductors • Response time:1500 milliseconds • 14 mm ID • Made in the USA

Surface Mount
Fast Response
Thermocouple
Sensor



This revolutionary new self-sticking stick on probe has been engineered to perform in higher temperature thermocouple applications up to 750 Degrees F.

The small size and quick response time will make these a real favorite around the lab and the track. They apply easily and give an accurate reading up to 750 Degrees F. Use for critical temperature measurements.

Made in the USA

Blade Probe



Features:

Exposed Tip Junction (Faster Response Time) Superior Inconel Sheathing longevity at high temperatures 2200 Deg F (1200 Deg C)

Specifications:

Type K • Special Limits of Error +/- 0.4% of reading • Inconel 600 sheathing • Response time: 500 milliseconds • Made in the USA

"Super Lite"™
Series Digital
Meter Pyrometer
Amplifier



Features:

- Accepts type K thermocouple probe
- Visible high temperature alarm LED
- °F/°C selectable
- Screw terminal connection
- Small Size 1" X 2"
- Analog retransmission output (to data logger)
- HI alarm relay & front panel light
- Peak temperature display hold

Custom Temperature Sensors

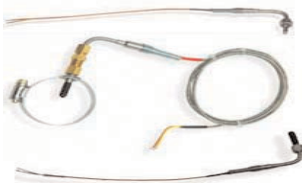
EGT Probes Thermocouples RTDs

We specialize in custom sensing solutions...

We manufacture for many industries including racing, R&D and Test labs, special processes and OEM. We can produce custom RTDs Thermocouples and thermistors to your specifications. We specialize in extreme environment applications.

Applications:

- Marine • Agriculture • Military • Power Generation • Diesel • Engine Management Systems • Racing • R&D • Testing • OEM



The Sensor Connection
675 East Big Beaver Suite 111 Troy, MI 48083
Phone: 248-417-2622 • Fax: 248-526-7001

www.thesensorconnection.com