



**LABFACILITY**  
TEMPERATURE & PROCESS TECHNOLOGY

## **ANSI Thermocouple Brake Pad Temperature Sensor - Type K - 6.0mm Diameter**



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

These thermocouple sensors are to be used to monitor the temperature of brake pads up to +400°C. They are designed to be embedded into the pads.

Each sensor has 1m of fibre glass insulated cable, with stainless steel Overbraid. Available in thermocouple type K and with a choice of tip diameters. Each tip is sealed with a high temperature ceramic paste (Fortafix) which can withstand temperatures up to +400°C.

### Specifications

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|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| Product Code          | XE-0596-001                                           |
| General Description   | Designed for monitoring the temperature of brake pads |
| Sensor Type           | Grounded Junction                                     |
| Thermocouple Type     | K                                                     |
| Probe Diameter        | 6.0mm                                                 |
| Probe Length          | Tip Length: 4mm                                       |
| Cable Length          | 1M                                                    |
| Cable Type            | Fibre glass with stainless steel Overbraid 7/0.2mm    |
| Termination Type      | Bare Tails                                            |
| Max. Temperature      | 400°C                                                 |
| Standards Met         | ANSI MC96.1                                           |
| Colour                | Positive: Red / Negative: Yellow                      |
| Important Information | Potting sealant: Ceramic paste (Fortafix)             |
| Series                | Brake Pad Temperature Sensor                          |