

**ANSI Screw in Type K  
Thermocouple 3 x 100mm 1/2"  
NPT 1m PFA  
**XE-7389-001****



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

Screw in type K temperature sensors with a measuring range of -75 to +250°C and 1 metre PFA flat pair lead wire.

Available with process thread options 1/4 BSPP, 1/2 BSPP & 1/4 & 1/2 NPT for direct mounting into vessels, pipes, tanks, or ducting for liquid or gas temperature measurement. With standard diameters of 3 & 6mm diameter 316 Stainless steel sheath and standard lengths of 50, 100, 150 & 200.

- Screw-in options 1/4 BSPP, 1/2 BSPP & 1/4 & 1/2 NPT process threads
- Type K Class 1 Thermocouple
- Sensor temperature rating -75 to +250°C
- 3 & 6mm 316 stainless steel sheath
- 50, 100, 150 & 200mm standard lengths

## Typical Applications

- Industrial Process Control
- Pipes or Ducts
- Vessels & Tanks

## Specifications

|                             |                        |
|-----------------------------|------------------------|
| <b>Series</b>               | Screw in thermocouples |
| <b>Thermocouple Type</b>    | Type K ANSI            |
| <b>Cable Length</b>         | 1m                     |
| <b>Cable Type</b>           | PFA                    |
| <b>Termination Type</b>     | Stripped Wires         |
| <b>Sheath Length (mm)</b>   | 100mm                  |
| <b>Sheath Diameter (mm)</b> | 3mm                    |
| <b>Process Connection</b>   | 1/2" NPT               |
| <b>Max. Temperature</b>     | +250°C                 |
| <b>Min. Temperature</b>     | -75°C                  |
| <b>Standards Met</b>        | ANSI                   |
| <b>Number of Wires</b>      | 2                      |

## Ordering Information

| Type |      | Sheath Diameter | Sheath Length | Process connection | Manufacturers Code             | Order Code         |
|------|------|-----------------|---------------|--------------------|--------------------------------|--------------------|
| K    | ANSI | 3mm             | 50mm          | 1/4" BSPP          | FAA-ISK-3.0-50-PC3-1.0-C7-T-A  | <b>XE-7364-001</b> |
| K    | ANSI | 3mm             | 100mm         | 1/4" BSPP          | FAA-ISK-3.0-100-PC3-1.0-C7-T-A | <b>XE-7365-001</b> |
| K    | ANSI | 3mm             | 150mm         | 1/4" BSPP          | FAA-ISK-3.0-150-PC3-1.0-C7-T-A | <b>XE-7366-001</b> |
| K    | ANSI | 3mm             | 200mm         | 1/4" BSPP          | FAA-ISK-3.0-200-PC3-1.0-C7-T-A | <b>XE-7367-001</b> |
| K    | ANSI | 6mm             | 50mm          | 1/4" BSPP          | FAA-ISK-6.0-50-PC3-1.0-C7-T-A  | <b>XE-7368-001</b> |
| K    | ANSI | 6mm             | 100mm         | 1/4" BSPP          | FAA-ISK-6.0-100-PC3-1.0-C7-T-A | <b>XE-7369-001</b> |
| K    | ANSI | 6mm             | 150mm         | 1/4" BSPP          | FAA-ISK-6.0-150-PC3-1.0-C7-T-A | <b>XE-7370-001</b> |
| K    | ANSI | 6mm             | 200mm         | 1/4" BSPP          | FAA-ISK-6.0-200-PC3-1.0-C7-T-A | <b>XE-7371-001</b> |
|      |      |                 |               |                    |                                |                    |
| K    | ANSI | 3mm             | 50mm          | 1/2" BSPP          | FAA-ISK-3.0-50-PC1-1.0-C7-T-A  | <b>XE-7372-001</b> |
| K    | ANSI | 3mm             | 100mm         | 1/2" BSPP          | FAA-ISK-3.0-100-PC1-1.0-C7-T-A | <b>XE-7373-001</b> |
| K    | ANSI | 3mm             | 150mm         | 1/2" BSPP          | FAA-ISK-3.0-150-PC1-1.0-C7-T-A | <b>XE-7374-001</b> |
| K    | ANSI | 3mm             | 200mm         | 1/2" BSPP          | FAA-ISK-3.0-200-PC1-1.0-C7-T-A | <b>XE-7375-001</b> |
| K    | ANSI | 6mm             | 50mm          | 1/2" BSPP          | FAA-ISK-6.0-50-PC1-1.0-C7-T-A  | <b>XE-7376-001</b> |
| K    | ANSI | 6mm             | 100mm         | 1/2" BSPP          | FAA-ISK-6.0-100-PC1-1.0-C7-T-A | <b>XE-7377-001</b> |
| K    | ANSI | 6mm             | 150mm         | 1/2" BSPP          | FAA-ISK-6.0-150-PC1-1.0-C7-T-A | <b>XE-7378-001</b> |
| K    | ANSI | 6mm             | 200mm         | 1/2" BSPP          | FAA-ISK6.0-200-PC1-1.0-C7-T-A  | <b>XE-7379-001</b> |
|      |      |                 |               |                    |                                |                    |
| K    | ANSI | 3mm             | 50mm          | 1/4" NPT           | FAA-ISK-3.0-50-PC4-1.0-C7-T-A  | <b>XE-7380-001</b> |
| K    | ANSI | 3mm             | 100mm         | 1/4" NPT           | FAA-ISK-3.0-100-PC4-1.0-C7-T-A | <b>XE-7381-001</b> |
| K    | ANSI | 3mm             | 150mm         | 1/4" NPT           | FAA-ISK-3.0-150-PC4-1.0-C7-T-A | <b>XE-7382-001</b> |
| K    | ANSI | 3mm             | 200mm         | 1/4" NPT           | FAA-ISK-3.0-200-PC4-1.0-C7-T-A | <b>XE-7383-001</b> |
| K    | ANSI | 6mm             | 50mm          | 1/4" NPT           | FAA-ISK-6.0-50-PC4-1.0-C7-T-A  | <b>XE-7384-001</b> |
| K    | ANSI | 6mm             | 100mm         | 1/4" NPT           | FAA-ISK-6.0-100-PC4-1.0-C7-T-A | <b>XE-7385-001</b> |
| K    | ANSI | 6mm             | 150mm         | 1/4" NPT           | FAA-ISK-6.0-150-PC4-1.0-C7-T-A | <b>XE-7386-001</b> |
| K    | ANSI | 6mm             | 200mm         | 1/4" NPT           | FAA-ISK-6.0-200-PC4-1.0-C7-T-A | <b>XE-7387-001</b> |
|      |      |                 |               |                    |                                |                    |
| K    | ANSI | 3mm             | 50mm          | 1/2" NPT           | FAA-ISK-3.0-50-PC2-1.0-C7-T-A  | <b>XE-7388-001</b> |
| K    | ANSI | 3mm             | 100mm         | 1/2" NPT           | FAA-ISK-3.0-100-PC2-1.0-C7-T-A | <b>XE-7389-001</b> |
| K    | ANSI | 3mm             | 150mm         | 1/2" NPT           | FAA-ISK-3.0-150-PC2-1.0-C7-T-A | <b>XE-7390-001</b> |
| K    | ANSI | 3mm             | 200mm         | 1/2" NPT           | FAA-ISK-3.0-200-PC2-1.0-C7-T-A | <b>XE-7391-001</b> |
| K    | ANSI | 6mm             | 50mm          | 1/2" NPT           | FAA-ISK-6.0-50-PC2-1.0-C7-T-A  | <b>XE-7392-001</b> |
| K    | ANSI | 6mm             | 100mm         | 1/2" NPT           | FAA-ISK-6.0-100-PC2-1.0-C7-T-A | <b>XE-7393-001</b> |
| K    | ANSI | 6mm             | 150mm         | 1/2" NPT           | FAA-ISK-6.0-150-PC2-1.0-C7-T-A | <b>XE-7394-001</b> |
| K    | ANSI | 6mm             | 200mm         | 1/2" NPT           | FAA-ISK-6.0-200-PC2-1.0-C7-T-A | <b>XE-7395-001</b> |