



Single-Shot Wire Thermocouple Sensors

Fast Responding Beaded-Wire Probes with PTFE Insulation

TC-TS Series



- ✓ Fast Response—Exposed Tip
- ✓ Class 1 Accuracy Wire
- ✓ Thermocouple Types K, T, J
- ✓ PTFE Insulated Single Shot Construction
- ✓ Solid Conductors, 28 SWG (0.38 mm) Diameter
- ✓ Operating Range: -75 to 250°C (-103 to 482°F)

TC-TS-KI-27-2M-SMPW-CC-M shown larger than actual size.



The unique construction of this “single shot” thermocouple wire allows for a fast responding, exposed tip, thermocouple junction while still providing a high degree of resistance to ingress

of air or liquid. Available with or without a miniature thermocouple plug and strain relief, in 1, 2 or 5 m (3.3 to 16.4') lengths. Other lengths and connector types are available on request.

To Order	
Model No.	Description
Type K Thermocouples	
TC-TS-KI-27-1M	Type K IEC coloured thermocouple 1 m (3.3')
TC-TS-KI-27-2M	Type K IEC coloured thermocouple 2 m (6.6')
TC-TS-KI-27-5M	Type K IEC coloured thermocouple 5 m (16.4')
TC-TS-KI-27-1M-SMPW-CC-M	Type K IEC coloured thermocouple 1 m (3.3') with mini plug
TC-TS-KI-27-2M-SMPW-CC-M	Type K IEC coloured thermocouple 2 m (6.6') with mini plug
TC-TS-KI-27-5M-SMPW-CC-M	Type K IEC coloured thermocouple 5 m (16.4') with mini plug
Type T Thermocouples	
TC-TS-TI-27-1M	Type T IEC coloured thermocouple 1 m (3.3')
TC-TS-TI-27-2M	Type T IEC coloured thermocouple 2 m (6.6')
TC-TS-TI-27-5M	Type T IEC coloured thermocouple 5 m (16.4')
TC-TS-TI-27-1M-SMPW-CC-M	Type T IEC coloured thermocouple 1 m (3.3') with mini plug
TC-TS-TI-27-2M-SMPW-CC-M	Type T IEC coloured thermocouple 2 m (6.6') with mini plug
TC-TS-TI-27-5M-SMPW-CC-M	Type T IEC coloured thermocouple 5 m (16.4') with mini plug
Type J Thermocouples	
TC-TS-JI-27-1M	Type J IEC coloured thermocouple 1 m (3.3')
TC-TS-JI-27-2M	Type J IEC coloured thermocouple 2 m (6.6')
TC-TS-JI-27-5M	Type J IEC coloured thermocouple 5 m (16.4')
TC-TS-JI-27-1M-SMPW-CC-M	Type J IEC coloured thermocouple 1 m (3.3') with mini plug
TC-TS-JI-27-2M-SMPW-CC-M	Type J IEC coloured thermocouple 2 m (6.6') with mini plug
TC-TS-JI-27-5M-SMPW-CC-M	Type J IEC coloured thermocouple 5 m (16.4') with mini plug

Ordering Example: TC-TS-KI-27-10M-SMPW-CC-M, Type K IEC coloured wire thermocouple, 10 m (32.8') long with mini plug and strain relief.