

# **Temperature Accessories**

### **Contact Probes**

#### 80PK-1 and 80PJ-1 Bead Probe

- 80PK-1: Type-K thermocouple for general purpose applications
- 80PJ-1 operates with J-type thermometers
- Measurement range: -40 to 260°C



#### 80PK-5A and 80PT-5A Piercing **Probe**

- 80PK-5A: Type-K thermocouple suitable for food industry, liquids and gels except halides
- 80PT-5A operates with T-type thermometers
- Measurement range: -40 to 260°C



#### **80PK-8 Pipe Clamp Temperature Probe**

- Type-K thermocouple for fast temperature and superheat measurements of pipe surfaces
- Durable ribbon sensor
- Measurement range: -29 to 149°C for pipe diameters from 6.4 to 34.9mm



#### **80BK Low-cost Integrated DMM Probe**

- Type-K thermocouple with standard banana iack
- Convenient one piece construction
- Compatible with DMMs with temperature measurement functions
- Measurement range : -40 to 260°C



#### **80PK-6A Exposed Probe**

- Type-K thermocouple provides fast response for non-reducing air and gases, except halides, sulfides, and vacuums
- Measurement range: -40 to 816°C



#### 80PK-9 and 80PJ-9 General **Purpose Probe**

- 80PK-9: Type-K thermocouple surface, air and non-caustic gases
- 80PJ-9 operates with J-type thermometers
- Measurement range : -40°C to 260°C

#### **80PK-2A Immersion Probe**

**80PK-3A Surface Probe** 

• Type-K thermocouple for

flat or curved surfaces such as

 Measurement range: 0 to 260°C

plates and rollers

- Type-K thermocouple for use in liquids and gels
- Measurement range: -40 to 982°C



#### **80PK-7 Industrial Surface Probe**

- Type-K thermocouple for surfaces in rugged environment
- Durable ribbon sensor
- Measurement range: -127 to 600°C



#### **80T-150U Universal Temperature Probe**

- Compatible with Fluke DMM
- · High accuracy, fast reading for low voltage (below 24Vac, 60V dc) applications
- Measurement range: -50 to 150°C
- ◆ Output: 1mV/°C or 1mV/°F (switchable)



#### 80PK-4A Air Probe

- Type-K thermocouple for use in air or gases, except halides and sulfides
- Bead protected by perforated baffle
- Measurement range: -40 to 816°C



#### **80TK Thermocouple Module**

- Converts a DMM to a thermometer
- For use with type-K thermocouples in low voltage applications (below 24Vac, 60V dc)
- Measurement range: -50 to 1000°C (probe dependent)



# **Temperature Accessories**

#### **Non-Contact Probes**

# 80T-IR & 80PK-IR Infrared Temperature Probes

- Ideal for applications where object being measured cannot be touched
- Provides instant and highly repeatable readings
- 80T-IR (for DMMs) and 80PK-IR (for digital thermometers) have automatic shut-off after 10 minutes
- Senses infrared energy emitted by an object
- Measurement range: -18 to 260°C





## **Other Temperature Accessories**

# 80CK-M & 80CJ-M type K & J Male Mini-Connectors

- Isothermal screw terminal for K or J wire
- Suitable for up to 20 guage thermocouple wire
- Color coded to industry standards (K-yellow, J-black)
- Two per package



#### 80AK

- Adapts Type-K thermocouple mini-connector to dual banana plug inputs
- Measurement range and accuracy: probe dependent
- Suitable for low voltage applications (below 30V AC, 60V DC)



#### 80PK-EXT, 80PJ-EXT and 80PT-EXT Extension Wire Kits

- Extending and repairing J, K ot T-type thermocouple wires
- Kit includes 3 meters of thermocouple wire and 1 pair of male/female mini-connectors
- Maximum continuous exposure temperature : 260°C
- 80PK-EXT is compatible with K-type thermometers, 80PJ-EXT is designed for Jtype thermometers and PT-EXT for T-type thermometers



# Thermocouple Plug Kits 700TC1

A kit of 10 mini-plug connectors
Type J (black), one
Type K (yellow), one
Type T (blue), one
Type E (purple), one
Type R/S (green), one
Type B or CU (white), one
Type L (J-DIN) (blue), one
Type U (T-DIN) (brown), one
Type C (red), one
Type N (orange), one

#### **700TC2**

A kit of 7 mini-plug connectors Type J (black), two Type K (yellow), two Type T (blue), one Type R/S (green), one



Temperature Probe Compatibility Chart																																		۱S	
Contact Probes	7-300 / 7-600	10 / 11 / 12 / 12B	16	27	70 Series III	ies III	21/75 Series III	23/77 Series III		83 Series III	85 Series III		187 Series	189 Series	867B	39 / 41B	123	190 Series	45	45 50¢/50D	51/52/53/54 series II	33/3	705	712	713	714	715	716	717	718	725	741B	743B	744	787
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Pub\_ID: 10015-eng

Rev. 02

1: Requires 80TK 2: Requires 80AK





# this product is available from:



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