

# **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

#### **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-2A Immersion Probe**

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

#### **80PK-3A Surface Probe**

- Type-K thermocouple for flat or curved surfaces such as plates and rollers
- Measurement range: 0 to 260°C

#### **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

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

- 80PK-5A : Type-K thermocouple suitable for food industry, liquids and gels except halides and sulfides
- 80PT-5A operates with T-type thermometers • 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-7 Industrial Surface Probe**

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



#### **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

#### **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
- or 1mV/°F (switchable)



• Output: 1mV/°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 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



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Pub\_ID: 10015-eng Rev. 02 1: Requires 80TK 2: Requires 80AK

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this product is available from:



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