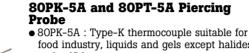


Temperature Accessories

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



- 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
- 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)



700TC2

700TC1

Type J (black), one Type K (yellow), one Type T (blue), one

Type E (purple), one

Type C (red), one Type N (orange), one

Type R/S (green), one

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

Thermocouple Plug Kits

A kit of 10 mini-plug connectors





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



Temperature Probe Compatibility Chart																																				
	009-L / 00	11 / 12 / 12B			70 Series III	73 Series III	Series]	7 Series III	26/79 Series III	JA / 8062A	83 Series III	Series III	87 Series III	187 Series	189 Series		41B		Series		,20D	51/52/53/54 series II	31 /32 / 33 / 36													
Contact Probes	7-300	10 /	16	27	70 S	73 S	21/7	23/77	26/7	8060A /	83 S	85 S	87 S	187	189	867B	39	123	190	45	50S/50D	51/5	30 /	705	712	713	114	715 716	717	718	724	725	741B	743B	744	787
80PK-1 through 80PK-9			2	1	1	1	1	1	1	1	1	1	1	2	2	1	\neg	1	1 1	1	•	•			\neg		• ⊤	\neg	\top	T	•	•		•	•	1
80T-150U		•		•	•	•	•	•	•	•	•	•	•	•	•	•		•		1					\neg			•	\top		•	•	•	•	•	lacksquare
80PJ-1, 80PJ-9											T										•	•				•	D	\top			•	•	•	•	•	\neg
80PT-5A																						•				•					•	•		•	•	\neg
80BK			•								\Box			•	•														\top						\Box	
Non-Contact Probes																																				
80T-IR		•	•	lacktriangle	•	•	•	•	•	•		•	•	•	•	•		•	•					•	П				Т			•			•	lacksquare
80PK-IR			2											2	2						•	•				•					•	•		•	•	•
Miscellaneous											\Box													T										\Box	$oldsymbol{\bot}$	二
80AK			•											•																						
80TK		•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•					•				•		\perp					•	•
80CK-M				\Box							\Box		\Box		\perp T		\perp					•			\perp				\perp	\perp	•	•				
80CJ-M																						•						\perp	\perp			•		•		
80PK-EXT, 80PJ-EXT																	_				•	•			_					1	•			•		_
80PT-EXT																						•				•						•			•	

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Rev. 02

1: Requires 80TK

2: Requires 80AK