

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 and sulfides
- 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



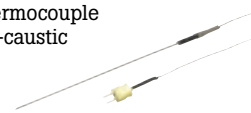
80BK Low-cost Integrated DMM Probe

- Type-K thermocouple with standard banana jack
- Convenient one piece construction
- Compatible with DMMs with temperature measurement functions
- Measurement range : -40 to 260°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-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-2A Immersion Probe

- Type-K thermocouple for use in liquids and gels
- Measurement range: -40 to 982°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-3A Surface Probe

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



80PK-7 Industrial Surface Probe

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



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

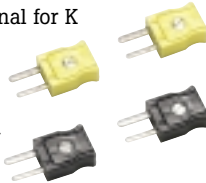
- Ideal for applications where object being measured cannot be touched
- Provides instant and highly repeatable readings
- 80T-IR (for DMMs) and 80PK-IR (for digital thermometers) have automatic shut-off after 10 minutes
- Senses infrared energy emitted by an object
- Measurement range: -18 to 260°C



Other Temperature Accessories

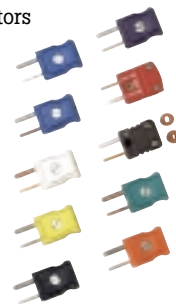
80CK-M & 80CJ-M type K & J Male Mini-Connectors

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



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



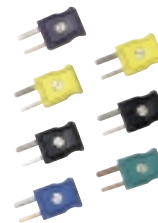
80AK

- 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)



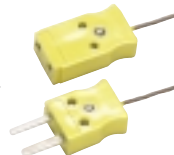
700TC2

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



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

- Extending and repairing J, K or 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 J-type thermometers and PT-EXT for T-type thermometers



Temperature Probe Compatibility Chart

	7-300 / 7-600	10 / 11 / 12 / 12B	16	27	70 Series III	73 Series III	21/75 Series III	23/77 Series III	26/79 Series III	8060A / 8062A	83 Series III	85 Series III	87 Series III	187 Series	189 Series	867B	39 / 41B	123	190 Series	43	45	50S/50D	51/52/53/54, series II	30 / 31 / 32 / 33 / 36	705	712	713	714	715	716	717	718	724	725	741B	743B	744	787					
Contact Probes																																											
80PK-1 through 80PK-9			2	1	1	1	1	1	1	1	1	1	1	2	2	1							●	●																		1	
80T-150U		●																																									
80PI-1, 80PJ-9																								●	●																		
80PT-5A																																											
80BK				●																																							
Non-Contact Probes																																											
80T-IR		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
80PK-IR		2																																									
Miscellaneous																																											
80AK			●											●	●																												
80TK		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
80CK-M																							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
80CJ-M																							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
80PK-EXT, 80PJ-EXT																								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
80PT-EXT																								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



this product is available from:



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*We can provide technically based advice on the use of these products and our sales engineers will
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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
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- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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