

# Thermocouple Thermometer Single Input

**multicomp** PRO

**RoHS  
Compliant**



## Features

- Large LCD Display with Backlight
- User Selectable °C and °F
- MAX/MIN Hold
- Low Battery Indication
- Data Hold
- User Calibration-Offset Adjustment ( $\pm 5^\circ\text{C}$ )
- Auto Power Off
- Type J, K, T input

## Specifications

Temperature Range	Type J	-200 to 1000°C (-328 to 1832°F)
	Type K	-250 to 1372°C (-418 to 2502°F)
	Type T	-250 to 400°C (-418 to 752°F)
Resolution	0.1°C/°F from -99.9 to 999.9°C (-148 to 1832°F); 1°C/°F Outside Range	
Accuracy	$\pm 1\%$ of reading $+1^\circ\text{C}$ (1.8°F) below $-99.9^\circ\text{C}$ (-148°F)	
	$\pm 1\%$ of reading $+0.5^\circ\text{C}$ (0.9°F) above $-99.9^\circ\text{C}$ (-148°F)	
Temperature Coefficient	0.1% of reading $+0.3^\circ\text{C}$ per °C (0.5°F per °F) outside the specified $+18^\circ\text{C}$ to $28^\circ\text{C}$ ( $+64^\circ\text{F}$ to $82^\circ\text{F}$ ) range (Below $-100^\circ\text{C}$ (-148°F); add 0.4% of reading for J-, K-, E-, and N-type; and 0.8% of reading for T-type)	
Sampling Rate	Three times per two seconds	
Auto Power Off	15 minutes after last operation	
Low Battery Indication		
Over Range Indication	"OL"	
Power Supply	9V Battery	
Unplug or poor contact probe will be displayed "----"		

## Part Number Table

Description	Part Number
Thermocouple Thermometer, Single Input, Type J, K, T	MP780831

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO