



The color of thermocouple is subject to change without notice

Specification of thermocouple (optional accessories)

ITEM \ TYPE	TP-01	TP-02	TP-03	TP-04
Thermocouple material	Chromel-alumel alloyed thermocouple (Ni-Cr vs Ni-Al)			
Contact type	Insulation type	Ground type	Exposed type	Ground type
Accuracy classification	JIS C 1602 classification 0.75			
Sheath size (mm)	3.2 ϕ x 150	10 ϕ x 150	Bead	15 ϕ x 100
Max. temperature	1292°F / 700°C		392°F / 200°C	752°F / 400°C
Min. temperature	-58°F / -50°C			
Compensating lead-wire	(-20~90°C) 1M approx.		1M approx.	(-20~90°C) 1M approx.
Handhold	Max. allowable heat 150°C Size: 12 ϕ x 100mm		Max. allowable heat 150°C Size: 12 ϕ x 90mm	
Application	Available for liquid or gel	Available for front or plate	Available for complex or any place hard to enter	Available for precise surface

*TP-03 is a K type thermocouple isolated by TEFLON.

Max. insulation temp. is 260°C, accuracy is $\pm 2.2^\circ\text{C}$ or $\pm 0.75\%$ ($0^\circ\text{C} \sim 200^\circ\text{C}$)