

[Feature]

T02 is a screw–in type thermocouple that can be used in various applications such as furnaces up to 1200 ° C and flue.

The standard screws are taper pipe threads (R) and parallel pipe threads (G), but other types of threads can be produced.

[Common Specifications]

Element : T、J、E、K
Tolerance : Class1, Class2
Nember · Single Double

of element

Single, Double

Measuring Non-grounding junction (standard)

Insulation . $10M\Omega$ or more with

resistance 500V

[Special specification (Option)]

◇Internal signal converter (DC4~20mA output)

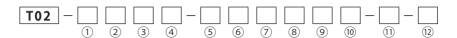
Single element only

Special thread etc.

[Option]

◇Pull–out protection tube, thread type (WPS) etc.

[Ordering code]



Contents	Code		Specifications										
Model	T02	The	rmocouple With terminal and Thread fitting										
		1	Class										
O.T. I		2	Class 2										
① Tolerance 3			ANSISPECIAL										
			ANSISTANDARD										
T													
② Element type/ Element diameter			J										
			E										
③ Number of Elements			S Single element										
③ Num	D												
		N Standard : Die—cast aluminum (Weather proof)											
	F Special : Phenol resin												
④ Connection Head					T 2—way cable connection : Aluminum casting (Weather proof)								
					W Double cable connection : Aluminum casting (Weather proof)								
					K Small type : Die–cast aluminum (Weather proof)								
③ Nipple						5 50mm (Same diameter, material as protection tube)							
						6 100mm (Same diameter, material as protection tube)							
								150mm (Same diameter, material as protection tube)					
					Z Other than above				abov	e		•	
						R Taper thread							
Thread type						G Parallel thread							
								10	3/8	(PT, PS) *Ple	ase inform for NPT, NPS	
① Thread size								15 1/2 (PT, PS) *Please inform for NPT, NPS					
							20 3/4 (PT, PS) *Please inform for NPT, NPS 25 1 (PT, PS) *Please inform for NPT, NPS						
									Oth	Other than above			
									UB	SUS	5304		
® Thread material							UC SU			SUS	JS316		
									Z1	Ot	her tha	an above	
										08	φ8ι	mm	
										10	φ10	0mm	
Protection tube diameter										12	φ1	φ 12mm	
Trocection tube diameter										15	φ1:	5mm	
										17	φ1	7.3mm	
										22	φ2	<u>1</u> .7mm	
											UB	SUS304	
® Protection tube material										UC	SUS316		
w Protection tube material											P4	High chrominum steel (%2)	
											Z2	Other than above	
① lmm	ersion le	ngth										□□□ Immersion length (mm)	
12 Spec	ial											N or S N = standard, S = specia	

- (%1) The outer diameter of the protection tube in which a small terminal box can be used is φ 12 or less.
- (%2) When the material of the protection tube is "P4", the outside diameter of the protection tube is φ 21.3. Select "22" for the symbol of the protective tube outer diameter.
- **The applicable outer diameter of the protective tube differs depending on the wire diameter and the number of wires.
- *The operating temperature differs depending on the combination of wire type, wire diameter, and protective tube material.

[Dimensions]

