

# Mineral insulated thermocouple ET301

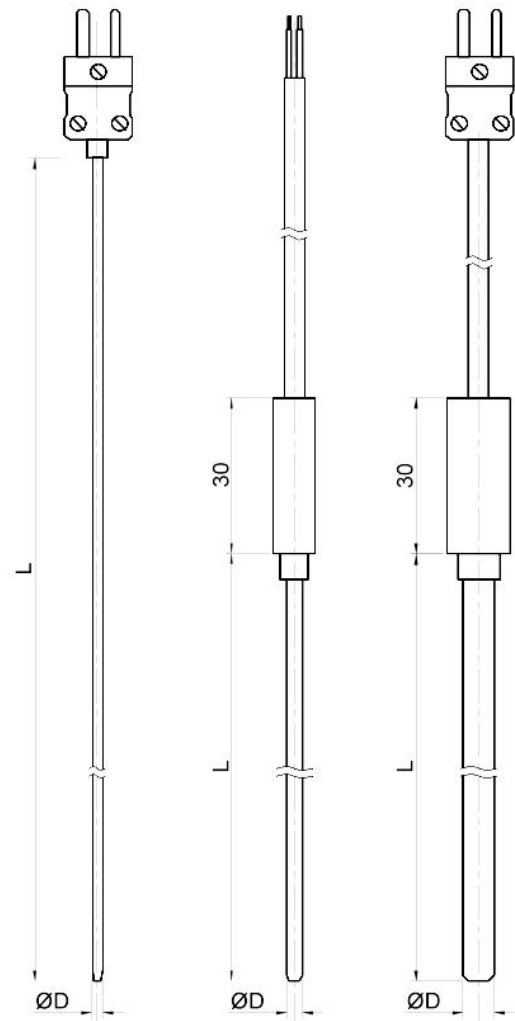


## Features

- Thermocouples type K, N, J, T
- Measurement up to 1300 °C
- Diameters 1,5, 3, 6 mm
- Length up to 2 m

## Specifications

Thermocouple types	K, N, J, T according to IEC 60584
Maximum temperature	K: 1100 °C continuous, 1250 °C peak N: 1150 °C continuous, 1300 °C peak J: 700 °C continuous, 800 °C peak T: 300 °C continuous, 400 °C peak
Thermocouple junction	Electrically isolated from protection tube
Protection tube	2.4816 / Inconel 600 (K, N) 1.4541 stainless steel (J, T)
diameter	Ø1,5 / 3 / 6 mm
length L	250 / 500 / 1000 / 2000 mm, Custom length by request
Cable	2-wire unscreened compensation cable, PVC insulation, max 105 °C, other cable options by request
Protection class	IP68
Output options	-0: bare wires, -PC: mini plug



## Ordering

### Standard articles

Article number	Type	Description
029940200045	ET301-K-D3L250-V3-0	mineral insulated TC type K, Ø3×L250 mm, <1100/1250 °C, PVC cable 3 m
029940200046	ET301-K-D3L500-V3-0	mineral insulated TC type K, Ø3×L500 mm, <1100/1250 °C, PVC cable 3 m
029940200047	ET301-K-D3L1000-V3-0	mineral insulated TC type K, Ø3×L1000 mm, <1100/1250 °C, PVC cable 3 m
029940200048	ET301-K-D6L250-V3-0	mineral insulated TC type K, Ø6×L250 mm, <1100/1250 °C, PVC cable 3 m
029940200049	ET301-K-D6L500-V3-0	mineral insulated TC type K, Ø6×L500 mm, <1100/1250 °C, PVC cable 3 m
029940200050	ET301-K-D6L1000-V3-0	mineral insulated TC type K, Ø6×L1000 mm, <1100/1250 °C, PVC cable 3 m

### Custom versions

ET301	- _____	- _____	- _____	- _____	
	- K				thermocouple type K, max 1100 °C continuous, 1250 °C peak
	- N				thermocouple type N, max 1150 °C continuous, 1300 °C peak
	- J				thermocouple type J, max 700 °C continuous, 800 °C peak
	- T				thermocouple type T, max 300 °C continuous, 400 °C peak
		- D2L250			diameter 1,5 mm, length 250 mm
		- D2L500			diameter 1,5 mm, length 500 mm
		- D2L1000			diameter 1,5 mm, length 1000 mm
		- D2L2000			diameter 1,5 mm, length 2000 mm
		- D3L250			diameter 3 mm, length 250 mm
		- D3L500			diameter 3 mm, length 500 mm
		- D3L1000			diameter 3 mm, length 1000 mm
		- D3L2000			diameter 3 mm, length 2000 mm
		- D6L250			diameter 6 mm, length 250 mm
		- D6L500			diameter 6 mm, length 500 mm
		- D6L1000			diameter 6 mm, length 1000 mm
		- D6L2000			diameter 6 mm, length 2000 mm
			- 0		no cable
			- Vxx		PVC compensation cable (max 105 °C), length xx m
			- VSxx		screened PVC compensation cable (max 105 °C), length xx m
				- 0	bare wire ends
				- PC	mini plug



Authorized Distributor  
 APL ASIA CO., LTD.  
 11/129-132 Moo.5 Lamlukka Rd.,T.Kookut, A.Lamlukka, Pathumthani 12130 Thailand.  
 TEL. 0-2995-4461-3, FAX. 0-2995-4464  
 www.apl-asia.com  
 EMAIL : sales@apl-asia.com  
 LINE@ : @APL-ASIA