

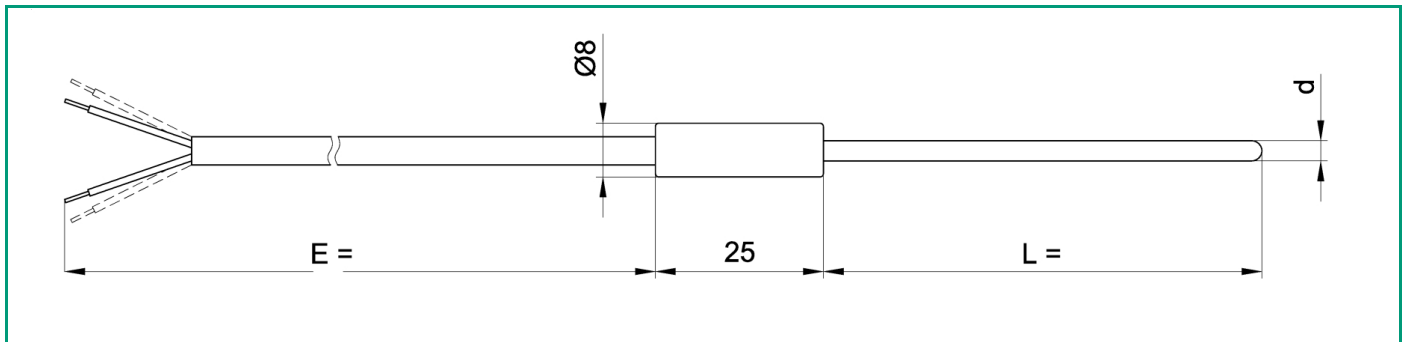
**TCEPAK**

Rev. 0 - 10/06/2022

**TERMOCOUPLE TYPE K Ø 1,5 - 2 - 3 - 4,5 mm WITH INTEGRATED CABLE**

Thermocouple K single element with compact mineral insulated cable (M.I.C.) with POLYAMIDE OVERMOULDED transition and SILICON RUBBER compensated cable

- wide variety of available diameters and lengths
- transition T° MAX 120°C
- different types of insulation of extension cable



## TECHNICAL SPECIFICATION

Thermocouple calibration	type K (cromel-alumel)
Sheet material	INCONEL 600
Number of sensing elements (T/C) (*) (* Number Elements (T/C) asterisco)	double single
Hot measuring joint	grounded exposed insulated
Accuracy class in accordance with IEC 584	2 (STANDARD) 1 (SPECIAL)
Sheath diameter d	Ø 1.5 mm, Sensing part maximum working temperature 920°C Ø 2 mm, Sensing part maximum working temperature 920°C Ø 3 mm, Sensing part maximum working temperature 1070°C
M.I.C. min. bending radius	3 times the outer diameter, Sensing part maximum working temperature 1150°C
Insulation resistance	100 M Ω@ 100 Vdc.
Realizable sheath lengths L= (subject to feasibility check)	50 mm ±50 m
Transition sleeve type	MOULDED Ø 8 x 25 mm
Transition sleeve diameter	Ø 8 mm
Transition sleeve length	25 mm
Transition sleeve material	POLYAMIDE (OVERMOULDED)
Maximum transition temperature	120°C
Fixing system	bare stem
Compensated cable	silicon; type K ANSI, Working temperature -40 ÷ 180°C silicone; type K IEC, Working temperature -40 ÷ 180°C silicone; 4 wire type K IEC, Working temperature -40 ÷ 180°C
Cable lengths E= (subject to feasibility check)	500 mm ±50 m
Variant (TRE-TCE)	null