

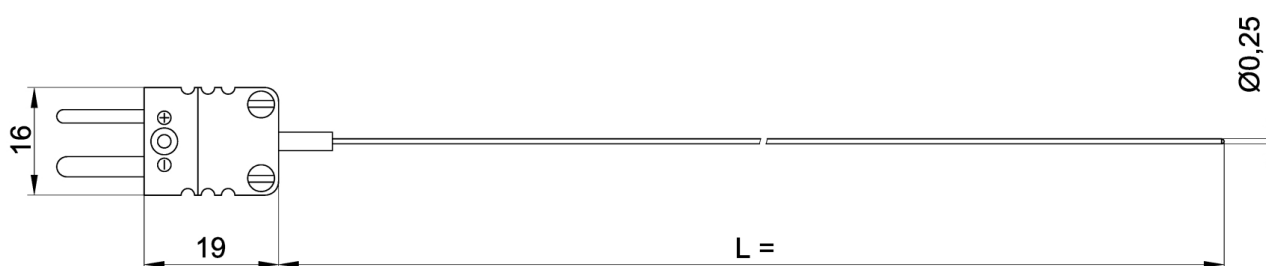
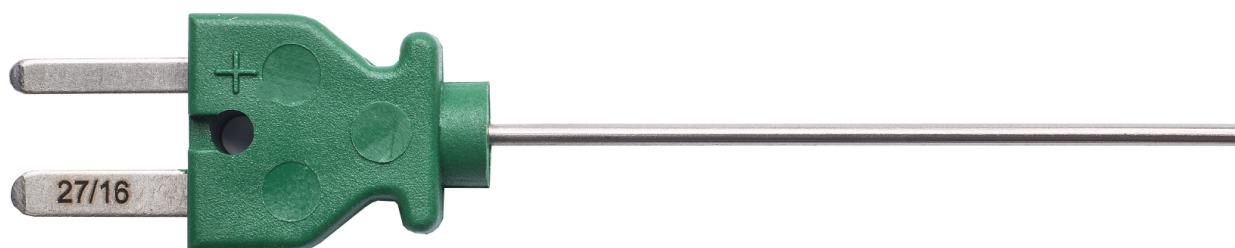
TCOK025

Rev. 0 - 24/05/2021

THERMOCOUPLE Ø 0,25mm WITH MALE COMPENSATED MINIATURE SIZE CONNECTOR

Compact mineral insulated thermocouple (M.I.C.) Ø 0.25 mm

- Minimum diameter achievable
- Maximum response speed
- particularly suitable for research laboratories



TECHNICAL SPECIFICATION

Thermocouple calibration	type K (cromel-alumel)
Sheet material	INCONEL 600
Sensing part maximum working temperature	1150°C
Number of elements (T/C) (*)	single
(*) Number Elements (T/C) asterisco	
Hot measuring joint	insulated
Norm of reference	ANSI MC96.1 IEC 584
Accuracy class in accordance with IEC 584	1 (SPECIAL) 2 (STANDARD)
Sheath diameter d=	Ø 0.25 mm
M.I.C. min. bending radius	3 times the outer diameter
Insulation resistance	100 M Ω@ 50 Vdc.
Realizable sheat lenghts L= (subject to feasibility check)	50 mm ÷5000 mm

TECHNICAL SPECIFICATION

Type of connector	normalised MALE MINIATURE SIZE OVERMOULDED compensated connector (in accordance with ASTM E 1684-96), Connector remarks at our discretion (depending on the quantity to be produced) the connector could be assembled by hand instead of being OVERMOULDED
Connection body material	POLYAMYDE (MOULDED)
Maximum connector temperature	120°C (200°C for 1 hour)
Fixing system	bare stem