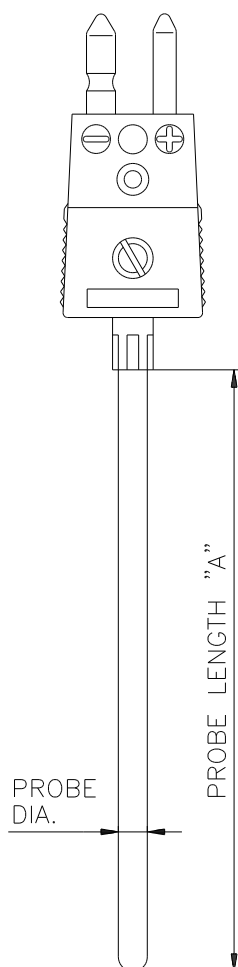


MINIATURE MI-CABLE THERMOCOUPLES

single with standard connector



Specifications:

Probe type	: mineral insulated single thermocouple
Probe diameter	: 1,5mm ~ 6,4mm
Thermocouple type	: iron-constantan, type J chromel-alumel, type K copper-constantan, type T nisl-nicrosil, type N
Tolerance	ASTM E230/ANSI MC96.1: Standard tolerance IEC 60584: Class 2
Insulation material	: densely packed MgO
Sheath material	: SS 321 for type J and T Inconel 600 for type K and N
Hot junction	: insulated
Minimum insulation resistance	: 10 Mohm at ambient temperature with 200 V DC
Termination	: Thermo Electric standard plug with polarized thermocouple material contacts IEC 60584 ASTM E230/ANSI MC96.1
Termination colour code	: J = black black K = green yellow T = brown blue
Probe length 'A'	: to be specified; replace box in ordering code with your required length;
For accessories	: see separate datasheet; mating jack to be ordered separately; for ordering code see below

See B/100 for explanation of codes and alternative constructions.
Also available in type N

Ordering code examples:

Probe diameter	Calibration J	Calibration K	Calibration T
	'A'	'A'	'A'
1,6 mm (1/16")	MTS-10161-J-□-MM	MTS-10163-K-□-MM	MTS-10161-T-□-MM
3,2 mm (1/8")	MTS-10321-J-□-MM	MTS-10323-K-□-MM	MTS-10321-T-□-MM
4,8 mm (3/16")	MTS-10481-J-□-MM	MTS-10483-K-□-MM	MTS-10481-T-□-MM
6,4 mm (1/4")	MTS-10641-J-□-MM	MTS-10643-K-□-MM	MTS-10641-T-□-MM
Mating jack	CNN-12100-J-BK	CNN-12200-K-GR	CNN-12300-T-BRL

□ = probe length 'A' in mm (to be specified)