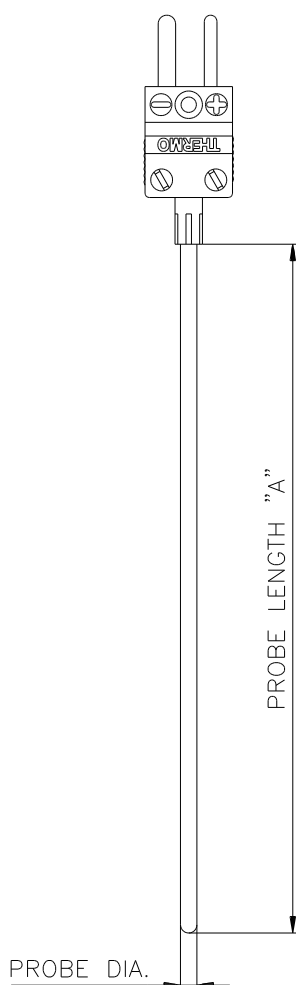


MINIATURE MI-CABLE THERMOCOUPLES

single with miniature connector



Specifications:

Probe type	: mineral insulated single thermocouple
Probe diameter	: 1,0mm ~ 3,2mm
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 miniature 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.

Ordering code example:

Probe diameter	Calibration J	Calibration N	Calibration K	Calibration T
	'A'		'A'	'A'
1,0 mm (1/25")	MTS-15101-J-□.MM	MTS-15103-N-□.MM	MTS-15103-K-□.MM	MTS-15101-T-□.MM
1,6 mm (1/16")	MTS-15161-J-□.MM	MTS-15163-N-□.MM	MTS-15163-K-□.MM	MTS-15161-T-□.MM
3,2 mm (1/8")	MTS-15321-J-□.MM	MTS-15323-N-□.MM	MTS-15323-K-□.MM	MTS-15321-T-□.MM
Mating jack	CNN-22100-JX	CNN-22700-NX	CNN-22200-KX	CNN-22300-TX

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