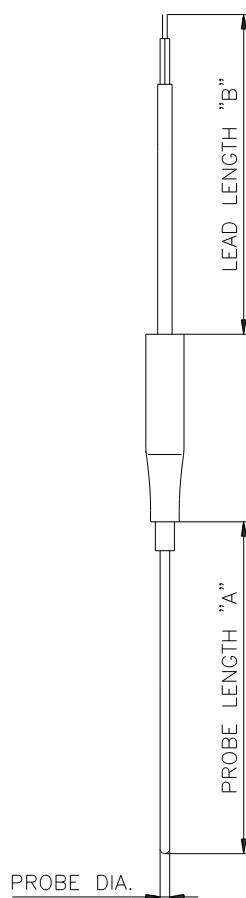


SUB MINIATURE MI-CABLE THERMOCOUPLES

with flexible lead wire



Specifications:

Probe type	:	mineral insulated single thermocouple
Probe diameter	:	1,0 mm, 0,5 mm or 0,35 mm
Thermocouple type	:	iron-constantan, type J chromel-alumel, type K copper-constantan, type T nisiil-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 0,5 mm SS 304 for type T 1,0 mm Inconel 600 for type K and N
Hot junction	:	insulated
Minimum insulation resistance	:	10 Mohm at ambient temperature with 50 V DC
Termination	:	kapton insulated flexible lead wire (HF/D-30) with bare ends
Transition diameter / length	:	3,2 mm / 35 mm
Probe length 'A'	:	to be specified; replace box in ordering code with your required length
Lead length 'B'	:	to be specified; replace box in ordering code with your required length

See B/100 for explanation of codes and alternative constructions.

Ordering code:

Calibration	Probe Ø 1,0 mm 'A' 'B'	Probe Ø 0,5 mm 'A' 'B'	Probe Ø 0,35 mm 'A' 'B'
Type J	MTS-56100-J-□-□-mm	MTS-56050-J-□-□-mm	
Type K	MTS-56100-K-□-□-mm	MTS-56050-K-□-□-mm	MTS-56035-K-□-□-mm
Type T	MTS-56100-T-□-□-mm	MTS-56050-T-□-□-mm	
Type N	MTS-56100-N-□-□-mm	MTS-56050-N-□-□-mm	MTS-56035-N-□-□-mm

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