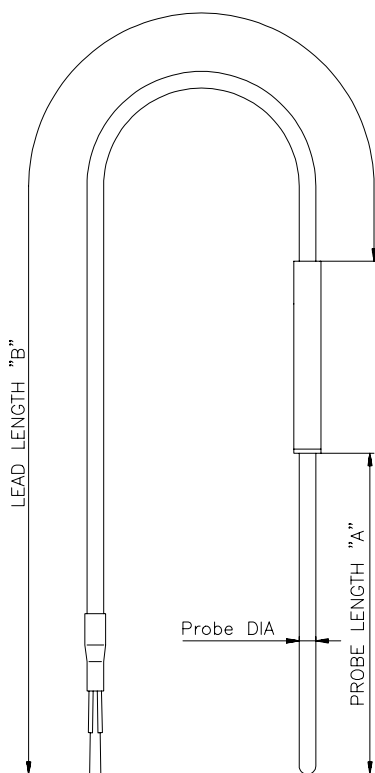


MINIATURE MI-CABLE THERMOCOUPLES

single with Teflon insulated lead wire



Specifications:

Probe type	: mineral insulated single thermocouple
Thermocouple type	: iron-constantan, type J chromel-alumel, type K copper-constantan, type T
Standard limits of error	: IEC 584.2
Insulation material	: densely packed MgO, 99,6% purity
Sheath material	: SS 316 for J and T Inconel 600 for type K
Hot junction	: insulated
Minimum insulation resistance	: 10 Mohm at ambient temperature with 200 V DC
Lead wire	: Teflon insulated copper braided and twisted flexible lead wire (TEX/CUTEXTW); positive wire identified with polarity mark
Upper temperature limit for lead wire	: 200 °C
Max. temperature transition	: 200 °C
Probe length 'A'	: to be specified; replace box in ordering code with your required length
Lead wire length 'B'	: to be specified; replace box in ordering code with your required length
For accessories	: see separate datasheet

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

Ordering code:

Probe diameter	Calibration J	Calibration K	Calibration T
	'A' 'B'	'A' 'B'	'A' 'B'
1,0 mm	MTS-50101-J-□.□.□.MM	MTS-50103-K-□.□.□.MM	MTS-50101-T-□.□.□.MM
1,6 mm	MTS-50161-J-□.□.□.MM	MTS-50163-K-□.□.□.MM	MTS-50161-T-□.□.□.MM
3,0 mm	MTS-50301-J-□.□.□.MM	MTS-50303-K-□.□.□.MM	MTS-50301-T-□.□.□.MM
4,8 mm	MTS-50481-J-□.□.□.MM	MTS-50483-K-□.□.□.MM	MTS-50481-T-□.□.□.MM
6,0 mm	MTS-50601-J-□.□.□.MM	MTS-50603-K-□.□.□.MM	MTS-50601-T-□.□.□.MM

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

Also available in inches



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