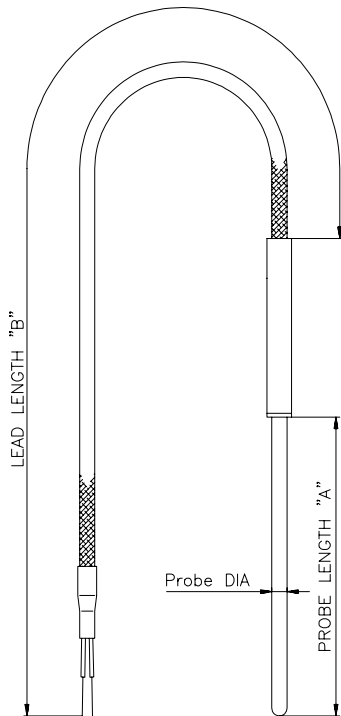


MINIATURE MI-CABLE THERMOCOUPLES

single with SS braided 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; this can drop below 1 Mohm under certain conditions, but will be regained if the complete thermocouple reaches temperatures over 100°C
Lead wire	:	glass fibre insulated flexible thermocouple wire with stainless steel braiding (G/GS); positive wire identified with polarity mark
Upper temperature limit for lead wire	:	500 °C
Max. temperature transition	:	500 °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 'A' 'B'	Calibration K 'A' 'B'	Calibration T 'A' 'B'
1,0 mm	MTS-20101-J-□.□.□.MM	MTS-20103-K-□.□.□.MM	MTS-20101-T-□.□.□.MM
1,6 mm	MTS-20161-J-□.□.□.MM	MTS-20163-K-□.□.□.MM	MTS-20161-T-□.□.□.MM
3,0 mm	MTS-20301-J-□.□.□.MM	MTS-20303-K-□.□.□.MM	MTS-20301-T-□.□.□.MM
4,8 mm	MTS-20481-J-□.□.□.MM	MTS-20483-K-□.□.□.MM	MTS-20481-T-□.□.□.MM
6,0 mm	MTS-20601-J-□.□.□.MM	MTS-20603-K-□.□.□.MM	MTS-20601-T-□.□.□.MM

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

Also available in inches



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