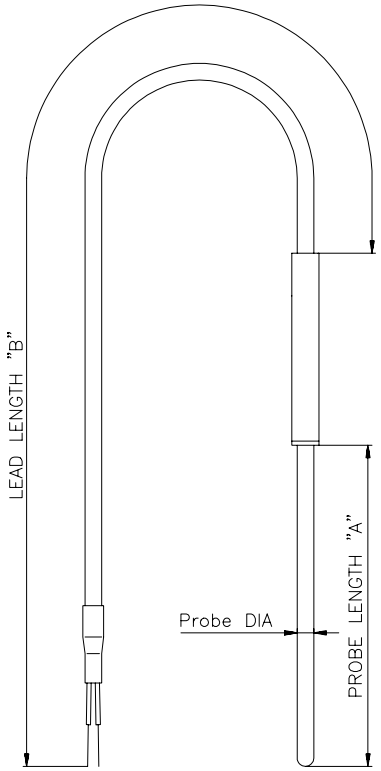
MINIATURE MI-CABLE THERMOCOUPLES

single with PVC 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	:	PVC insulated copper braided and twisted flexible lead wire (P/CUPTW); positive wire identified with polarity mark
Upper temperature limit for lead wire	:	100 °C
Max. temperature transition	:	100 °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-40101-J·▢·▢·MM	MTS-40103-K·▢·▢·MM	MTS-40101-T·▢·▢·MM
1,6 mm	MTS-40161-J·▢·▢·MM	MTS-40163-K·▢·▢·MM	MTS-40161-T·▢·▢·MM
3,0 mm	MTS-40301-J·▢·▢·MM	MTS-40303-K·▢·▢·MM	MTS-40301-T·▢·▢·MM
4,8 mm	MTS-40481-J·▢·▢·MM	MTS-40483-K·▢·▢·MM	MTS-40481-T·▢·▢·MM
6,0 mm	MTS-40601-J·▢·▢·MM	MTS-40603-K·▢·▢·MM	MTS-40601-T·▢·▢·MM

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

Also available in inches

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