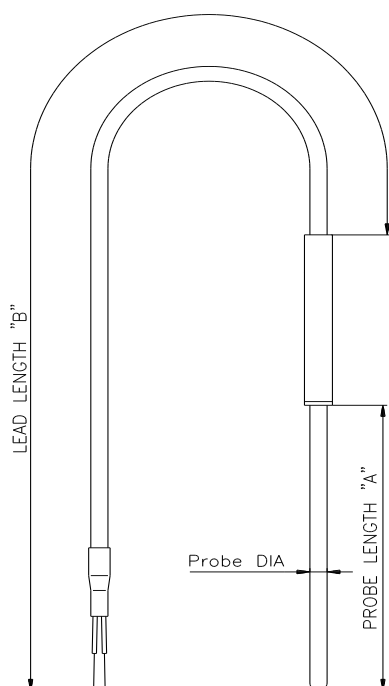


MINIATURE MI-CABLE THERMOCOUPLES

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
Insulation material	: densely packed MgO, 99,6 purity
Tolerance	: ASTM E230/ANSI MC96.1: Standard tolerance IEC 60584: Class 2
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	Calibration K	Calibration T
	'A' 'B'	'A' 'B'	'A' 'B'
1,0 mm (1/25")	MTS-40101-J-□-□-MM	MTS-40103-K-□-□-MM	MTS-40101-T-□-□-MM
1,6 mm (1/16")	MTS-40161-J-□-□-MM	MTS-40163-K-□-□-MM	MTS-40161-T-□-□-MM
3,2 mm (1/8")	MTS-40321-J-□-□-MM	MTS-40323-K-□-□-MM	MTS-40321-T-□-□-MM
4,8 mm (3/16")	MTS-40481-J-□-□-MM	MTS-40483-K-□-□-MM	MTS-40481-T-□-□-MM
6,4 mm (1/4")	MTS-40641-J-□-□-MM	MTS-40643-K-□-□-MM	MTS-40641-T-□-□-MM

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