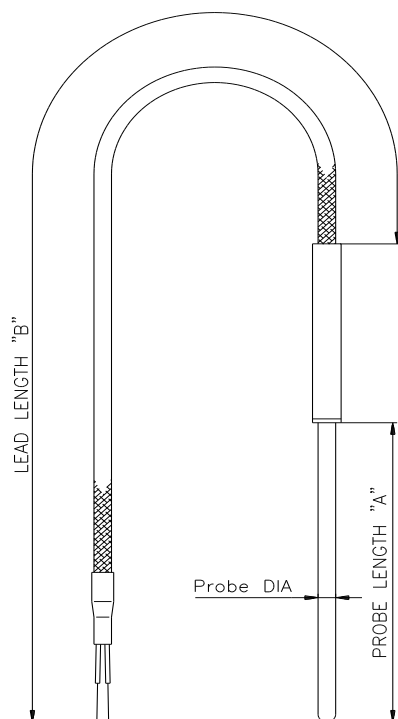


MINIATURE MI-CABLE THERMOCOUPLES

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
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; 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

1,0 mm (1/25")
1,6 mm (1/16")
3,2 mm (1/8")
4,8 mm (3/16")
6,4 mm (1/4")

Calibration J

'A' 'B'
MTS-20101-J-□-□-MM
MTS-20161-J-□-□-MM
MTS-20321-J-□-□-MM
MTS-20481-J-□-□-MM
MTS-20641-J-□-□-MM

Calibration K

'A' 'B'
MTS-20103-K-□-□-MM
MTS-20163-K-□-□-MM
MTS-20323-K-□-□-MM
MTS-20483-K-□-□-MM
MTS-20643-K-□-□-MM

Calibration T

'A' 'B'
MTS-20101-T-□-□-MM
MTS-20161-T-□-□-MM
MTS-20321-T-□-□-MM
MTS-20481-T-□-□-MM
MTS-20641-T-□-□-MM

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