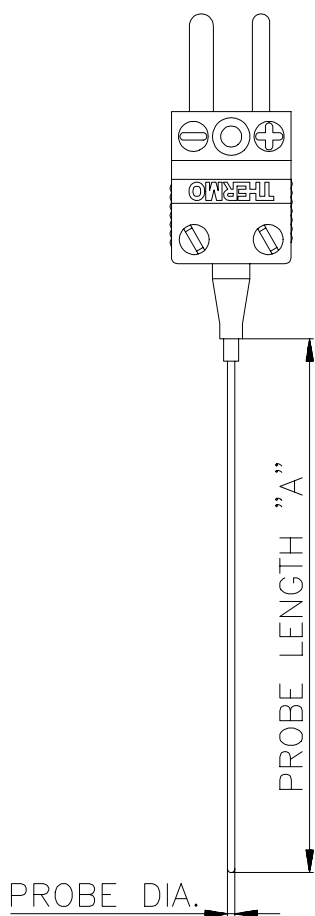


# SUB MINIATURE MI-CABLE THERMOCOUPLES

with direct mounted miniature plug

## Specifications:



|                               |   |  |
|-------------------------------|---|--|
| Probe type                    | : | mineral insulated single thermocouple  |
| Probe diameter                | : | 0,5 mm or 0,25 mm  |
| Thermocouple type             | : | iron-constantan, type J<br>chromel-alumel, type K<br>copper-constantan, type T |
| Standard limits of error      | : | IEC 584.2  |
| Insulation material           | : | densely packed MgO   |
| Sheath material               | : | SS 321 for type J and T<br><br>Inconel 600 for type K                          |
| Hot junction                  | : | insulated  |
| Minimum insulation resistance | : | 10 Mohm at ambient temperature with 50 V DC                                    |
| Termination                   | : | Thermo Electric miniature plug with polarized thermocouple material contacts   |
| Probe length 'A'              | : | to be specified; replace box in ordering code with your required length        |

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

## Ordering code:

| Calibration | Probe Ø 0,5 mm           | Probe Ø 0,25 mm          | Mating jack  |
|-------------|--------------------------|--------------------------|--------------|
|             | 'A'                      | 'A'                      |              |
| Type J      | MTS - 55050 - J - □ - mm |                          | CNN-22100-JX |
| Type K      | MTS - 55050 - K - □ - mm | MTS - 55025 - K - □ - mm | CNN-22200-KX |
| Type T      | MTS - 55050 - T - □ - mm |                          | CNN-22300-TX |

□ = probe length 'A' in mm (to be specified)

Also available in inches



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**B/200**  
**Rev.00 08/03**