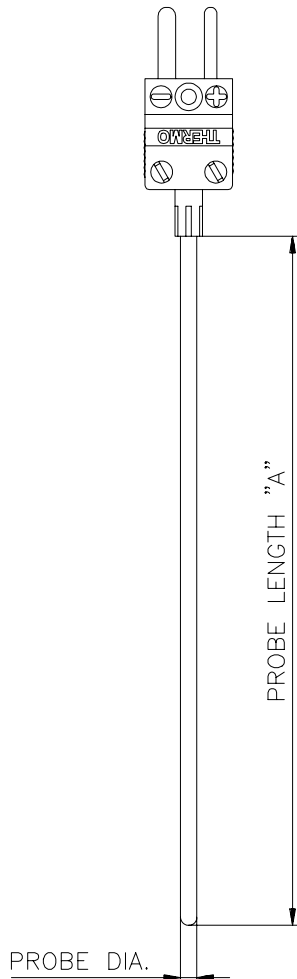


MINIATURE MI-CABLE THERMOCOUPLES

single with miniature connector



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 |
| Termination | : | Thermo Electric miniature plug with polarized thermocouple material contacts |
| Termination colour code | : | J = black K = green T = brown |
| Probe length 'A' | : | to be specified; replace box in ordering code with your required length |
| For accessories | : | see separate datasheet; mating jack to be ordered separately; for ordering code see below |

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

Ordering code:

| Probe diameter | Calibration J | Calibration K | Calibration T |
|--------------------|------------------|------------------|------------------|
| | 'A' | 'A' | 'A' |
| 1,0 mm | MTS-15101-J-□-MM | MTS-15103-K-□-MM | MTS-15101-T-□-MM |
| 1,6 mm | MTS-15161-J-□-MM | MTS-15163-K-□-MM | MTS-15161-T-□-MM |
| 3,0 mm | MTS-15301-J-□-MM | MTS-15303-K-□-MM | MTS-15301-T-□-MM |
| Mating jack | CNN-22100-J-BK | CNN-22200-K-YL | CNN-22300-T-BR |

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



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