

# ME 1072 Mineral insulated thermocouple with tinned copper braided FEP/PFA cable

| Sheath                |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| Construction          | Mineral insulated                                                                                          |
| Material              | SS 316 - (Wst 1.4401) Also available in SS310, Inconel 600, Hasteloy X and Nicrosil D                      |
| Insulation            | MgO                                                                                                        |
| Diameter              | Customer to specify                                                                                        |
| Length                | Customer to specify                                                                                        |
| Extension cable       |                                                                                                            |
|                       | FEP/PFA insulated flexible thermocouple cable, with tinned copper braiding up to +220°C                    |
| Length                | Customer to specify                                                                                        |
| Thermocouple          |                                                                                                            |
| Calibration           | K, T, J, E, N, U or L                                                                                      |
| For duplex            | KK, TT, JJ, EE, NN, UU or LL                                                                               |
| Accuracy              | According IEC 60584                                                                                        |
| Hot junction          | Insulated                                                                                                  |
| Testing               | Tested 500 Volt @ 20 °C                                                                                    |
| Insulation resistance | Minimum 100 M ohm                                                                                          |
| Available diameter    | 0.25* - 0.5* - 1.0* -1.5*- 2.0 - 3.0 - 4.0 - 5.0 - 6.0 and 8.0 mm. Other diameters possible *= single only |

