

Technical Information

Model TES.01.51FOOD Sector**Extension for connection with electric circuit**

Description	Miniaturized single point core probe with RTD "PT1000" for temperature measurements in vacuum cooking ovens. AISI 304 needle diameter 1,2 mm, teflon MFA conductor insulation, silicon rubber external insulation.
Working Temperature	-40 / +200 °C
Short Time Temperature	+220 °C
Process Connection	M10x0,7 male
Cable	Diameter: 3,6 mm Lenght: 700 mm * on request other lenght CONDUCTORS number: 2 electrical section: 0,38 mm ² type: strand material: Nickel plated copper insulation: teflon MFA Insulation sheath: silicon rubber Internal shield: None External armour: None COLOURING conductors: white; white sheath: white * on request other colouring
Electrical Connection	Side 1: Isolated output conductors L=50mm Side 2: BINDER connector 420 series model 09-4708-00-03
Laser Marking	Thermo Engineering Logo Thermo Engineering P/N Customer P/N dd/mm/yy production * on request other marking
Tests	Visual Dimensional Room Temperature Insulation Resistance Elettrical Continuity * on request other test

Room Temperatur Insulation Resistance	According to IEC 1515 resistance > 1GΩ @ 25 °C; Between the terminals and the sheath with a test voltage of 500 VDC.
Response Time	t ₅₀ : 4 sec t ₉₀ : 10 sec
Certifications	Conformity Certificate Conformity Certificate RoHS 2002/95/CE
