

Technical Information

Model TES.01.33

FOOD Sector**Multi-point core probe for cooking ovens**

Description Multi point core probe with NTC "10Kohm" for temperature measurements in blast chillers. AISI 304 needle diameter 5,0 mm, teflon MFA conductor insulation, silicon rubber external insulation.

Sensor Type NTC 10 KOHM @ 0°C

Sensor Number 3

Precision +/- 1% @ 25°C

Working Temperature -40 / +200 °C

Short Time Temperature +210 °C

Needle Material: AISI 304
Diameter: 5,0 mm
Lenght: 78 mm
Internal insulation: teflon MFA

*** on request other lenght**

Process Connection none

Cable Diameter: 6,5 mm
Lenght: 3,3 mt

*** on request other lenght**

CONDUCTORS
number: 4
electrical section: 0,22 mm²
type: strand
material: Tin plated copper
insulation: teflon MFA

Insulation sheath: silicon rubber
Internal shield: None
External armour: None

COLOURING
conductors: green; yellow; blue; white
sheath: black

*** on request other colouring**

Electrical Connection 3 connector AMP model 104257-1

*** on request other colouring**

Laser Marking	Thermo Engineering Logo Thermo Engineering P/N Customer P/N dd/mm/yy production <u>* on request other marking</u>
Tests	Visual Dimensional Room Temperature Insulation Resistance Electrical Continuity <u>* on request other test</u>
IP Grade	IP65 according to UNI EN 60529
Room Temperature 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
