

Technical Information

Model TES.01.02FOOD Sector**Temperature sensor for pizza oven**

Description Temperature sensor with RTD PT1000 OHM class B for pizza oven.
AISI 304 tube diameter 4 mm, conductors insulation TEX, insulation sheath teflon MFA.

Sensor Type PT1000 OHM

Sensor Number 1

Precision 1 DIN (class B) accordin to EN60751:2008

Working Temperature 0 / +450 °C

Short Time Temperature +460 °C

Sensor Sheat Material: AISI 304
Diameter: 4,0 mm
Lenght: 250 mm
Internal insulation: TEX

*** on request other lenght**

Process Connection AISI 304 flange

Cable Diameter: 4 mm
Lenght: 1,60 mt

*** on request other lenght**

CONDUCTORS
number: 2
electrical section: 0,22 mm²
type: strand
material: Nickel plated copper
insulation: TEX

Insulation sheath: teflon PFA 300 °C
Internal shield: Nickel plated copper
External armour: None

COLOURING
standard: IEC
conductors: red; red
sheath: black

*** on request other colouring**

Electrical Connection Bare wires out L=50mm

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
