

Technical Information

Model TES.01.06*FOOD Sector***Temperature sensor for fryers**

Description Temperature sensor with PT1000 OHM class B thermometer for fryer.
Stem in AISI 304, diameter 4 mm, teflon PTF conductor insulation, nickel plated copper screen and PTF teflon sheath.

Sensor Type RTD PT1000 ohm

Sensor Number 1

Precision Class 1 DIN according to EN60751:2008

Working Temperature 0 / +600 °C

Short Time Temperature +620 °C

Sensor Sheat Material: AISI 304
Diameter: 4,0 mm
Lenght: 20 mm
Internal insulation: mineral oxide

*** on request other lenght**

Process Connection Bayonet Attack

Cavo Diameter: 2,8 mm
Lenght: 2.9 mt

*** on request other lenght**

CONDUCTORS
number: 2
electrical section: 0,24 smm
type: strand
material: nickel plated copper
insulation: teflon PTF

Insulating sheath: teflon PTF
Internal screen: nickel plated copper
External Armor: none

COLOURING
standard:
conductors: red; red
sheath: black

*** on request other colouring**

Electrical Connection Faston 4,8x0,8 Z94030/4021

Marcatura Laser	Thermo Engineering Logo Thermo Engineering P/N Customer P/N dd/mm/yy production * <u>su richiesta marcatura personalizzata</u>
Tests	Visual Dimensional Room temperature insulation resistance Elettrical 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.
Respos Time	t ₅₀ : 4 sec t ₉₀ : 10 sec
Certifications	Conformity Certificate Conformity Certificate RoHS 2002/95/CE
