

Technical Information

Model TES.01.05*FOOD Sector***Temperature sensor for milk treatment plants**

Description Temperature sensor with PT100 OHM class 1/3 DIN for milk treatment plants.
Stem in AISI 316, diameter 6 mm, conductor insulation in teflon FEP.
Complete with 4-20 mA output signal converter.

Sensor Type RTD PT100 ohm

Sensor Number 1

Precision Class 1/3 DIN according to EN60751:2008

Working Temperature 0 / +150 °C

Short Time Temperature +230 °C

Sensor Sheat Material: AISI 316
Diameter: 6,0 mm
Lenght: 100+50 mm
Internal insulation: teflon FEP

*** on request other lenght**

Process Connection TRICLAMP fitting
Material: AISI 316

*** on request other fitting**

Electrical Connection Material: plastic PA66 blue color
Cover: threaded
Elettrical connection: PG 16
IP grade: 68 according to UNI EN 60529
Certification: none

Laser Marking Thermo Engineering Logo
Thermo Engineering P/N
Customer P/N
dd/mm/yy production

*** on request other marking**

Tests Visual
Dimensional
Roughness
Room temperature insulation resistance
Elettrical Continuity

*** on request other test**

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
