

Technical Information

Model TES.05.03*POWER & ENERGY Sector***Temperature sensor with spring loaded
for stator caves**

Description	Temperature sensor with dual PT100 element for temperature measurement in stator caves. Sheath in AISI 316 with teflon tip with springing system for fastening. Extension cable with teflon MFA insulation with and teflon FMA Sheath and tinned copper internal shield.
Sensor Type	PT100 OHM
Sensor Number	2
Precision	Class 1 DIN according to EN60751
Working Temperature	-40 / +155 °C
Short Time Temperature	+200 °C
Sensor Sheat	Material: AISI 316 Diameter: 6,0 mm Length: from 135 to 205 mm Internal insulation: Teflon MFA Tip : teflon ø 8,0 mm L=15 mm <u>* on request other lenght</u>
Process Connection	Sliding and springed ½ "male threaded fitting. Material: AISI 304
Cable	Diameter: 6,2 mm Lenght: 1,00 mt <u>* on request other lenght</u> CONDUCTORS number: 6 electrical section: 0,50 mm ² type: strand material: tinned copper insulation: MFA teflon internal shield: tinned copper external shield: none COLOURING standard: DIN conductors: 4 x red / 2 x green <u>* on request other colouring</u>
Electrical Connection	Bare outlet conductors L = 80 mm

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 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
