

ZP121X380 TEC Series

Autotransformer temperature sensor

Ref : 2647

Rev : C

DESCRIPTION

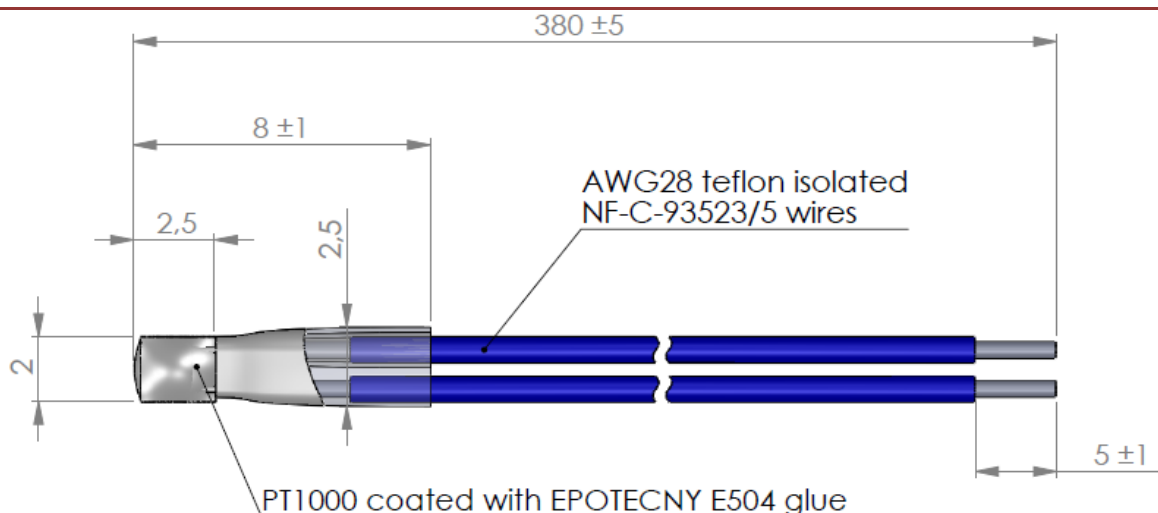
This sensor is designed to measure gas like ambient air and surface or others, in the limits of the RTD. It is based on Technofan's technical specification STB022B0080-0.

This sensor is designed to measure temperature in small spaces; thermocouple or RTD can be chosen for this sensor. An external transmitter provides an analogue output signal with the requested connector to plug in the acquisition unit. It is specifically designed to be embedded or bonded in electrical motors, etc. The autotransformer comes in different sizes. For large motors, the extension wires can be reinforced.

TECHNICAL CHARACTERISTICS

Sensing element	RTD, PT1000 (alpha 0.00385)
Temperature standard	Class B, EN 60751 standard
Operating temperature	-40°C to +180°C
Storage temperature	-55°C to +180°C
Insulation resistance	100 MΩ min at 500 VDC
Dielectric strength	leakage current 1mA max under 1500VAC (1 minute exposure)
Leads	2x AWG #28 NF-C-93523/5 blue wires (UL94)
Case	Teflon shrinkable tube with EPOTECNY E504 protection (UL94)
Weight	2 gr ±7%
Resistance	1000 ohm +/-0.3% at 0°C.

SIZE (mm)



CONTACT

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