

PN:ZP121X30 TEC

Autotransformer temperature sensor with PT1000

Ref : 2612

Rev : A

DESCRIPTION

This sensor has been developed for air and gas measurements, as well as for surface measurements, within the range of the probe. It is available with thermocouple or temperature probe.

An external transmitter sends an analog output signal with the required connector to connect to the acquisition unit. It is ideal for measurements in small spaces, specifically in electric motors, etc.

The autotransformer is available in different sizes. For bigger motors, the extension wires can be reinforced.

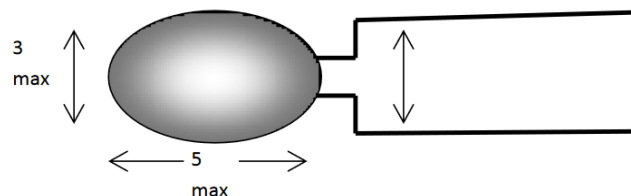
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TECHNICAL CHARACTERISTICS

Sensitive element	Temperature sensor, PT1000 (alpha 0.00385)
Operating temperature range (sensitive element)	-70°C to +400°C
Operating temperature range (wire)	-40°C to +180°C
Insulation resistance	1000 MΩ min at 500VDC
Track	AWG#24, stranded, TFE insulated
Body	With E504 protection glue (UL94)
Connectors	customized
Weight	<10 gr
Dimensions	Ø1.5mm x 15mm
Temperature norm	B class, EN 60584
Resistance	1000 ohm +/-0.3% at 0°C

DIMENSIONS

Sensitive element with 2 conductor thread length 25mm for printed circuit
Technofan prototype sensor



CONTACT

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