

SD Series Special version

Surface temperature sensor with PT1000

Ref : 2608

Rev : A



DESCRIPTION

This sensor is designed to measure gas like ambient air and surface or others, in the limits of the temperature probe.

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.

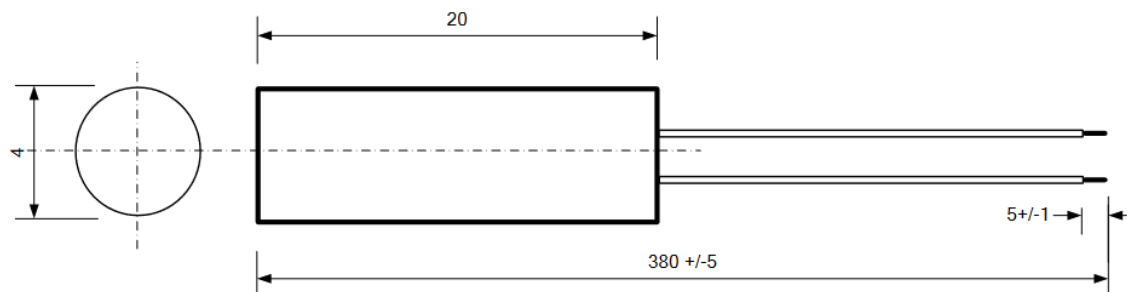
TECHNICAL CHARACTERISTICS

Sensitive element	RTD, PT1000 (alpha 0.00385)
Operating temperature (sensitive element)	-70°C to +400°C
Operating temperature (cable)	-40°C to +180°C
Insulation resistance	100 MΩ min at 500 VDC
Cable characteristics	AWG #24, stranded, insulated TFE
Body	FEP with epoxy joint
Connectors	Customized options
Weight	< 70 gr
Temperature standard	Class B, EN 60584 standard
Resistance	1000 ohm +/-0.3% at 0°C.

SIZE (mm)

Sensitive element with 2 conductive wires:

- PN: ZSD4P20 TEC Length 20 mm
- PN: ZSD4P10 TEC Length 10 mm



CONTACT

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