

TEMPERATURE SENSOR TX003 SERIES

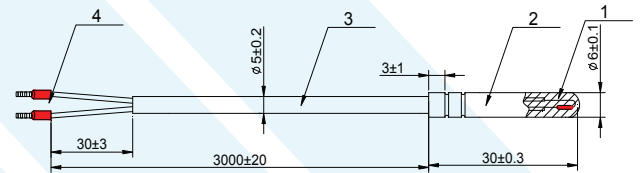
TX-003 SC is a single point flying lead temperature sensor encapsulated in 304 stainless steel Housing of OD 6mm x 30mm probe. Probes are capable of sensing the heat and transfer in seconds. Sensor are constructed in such a manner to provide Quick response and will resist moisture penetration.



SPECIFICATION

Sensor typeThermistors and RTD
Temperature range.....-20 to 50 °C (-4 to 122 °F)
Sensor Accuracy.....25=10 25/50=3950k
Wire cable.....OD5.0PVC cable 24AWG x 2core
Probe Material.....SS304 Stainless Steel 6mm x 30mm
Connector.....E7508
Cable length3mtr & 5mtr length
Country of OriginChina

DIMENSIONS



ELECTRICAL CHARACTERISTICS

No	Item	Symbol	Test Condition	Min	Median	Max.	Unit
1	Resistance at 25°C	R ₂₅	T _a =25±0.05°C P _T ≤ 0.1mw	9.9	10	10.1	KΩ
2	Resistance at 50°C	R ₅₀	T _a =50±0.05°C P _T ≤ 0.1mw	3.5161	3.5882	3.6614	KΩ
3	B value	B _{25/50}	$B(T_1/T_2) = \frac{(T_1 \times T_2)}{(T_1 \times T_2)} \times \ln \frac{R_1}{R_2}$	3910.5	3950	3989.5	K
4	Dissipation constant	σ	T _a =25±0.05°C	3	/	/	mW/ °C
5	Thermal time constant	T	T _a =25±0.05°C	10	/	20	Sec
6	Insulation resistance	/	≥100MΩ/DC1000V	/	/	/	MΩ
7	Dielectric strength	/	1800VAC	/	/	/	Sec
8	Working temperature range	/	/	-20	/	80	°C

Touch makes you Comfortable

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