

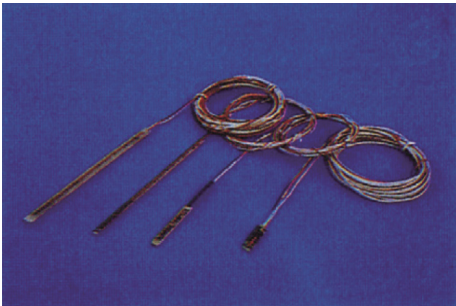
Bearing Surface Stator Winding Temperature Sensor

Bearing Surface Stator Winding Temperature Sensor

Stator Winding Temperature Sensor

Features

SS-5051 Type is installed in slots between stator windings, near hottest points to protect against overheating. Very flexible and excellent vibration resistance. Element Non-inductive wound in long strips.



Application

Large Motors and generators

Standard symbols of sheath resistance temperature detector

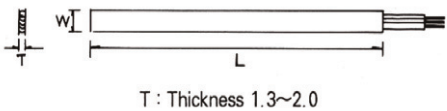
ELEMENT		RESISTANCE	COLOR	T.C.R. (ppm/°C)
CU10A	(Copper wire)	10Ω 0.02Ω at 25°C	yellow	4300
NT 120B	(Nickel wire)	120Ω 0.6Ω at 0°C	red	6700
PT 100A	(Platinum wire)	100Ω 0.12Ω at 0°C	blue	3850(DIN)
PT 100B(STD)	(Platinum wire)	100Ω 0.5Ω at 0°C	blue	3850(DIN)

* Dielectric strength : 3KV AC, 1min

* Maximum operating temperature : 130°C

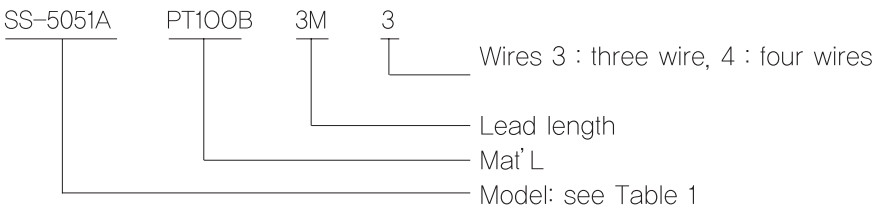
MODEL	(L)	(W)	(T)	AWG
SS-5051 A	155±2	6±0.5	1.4±0.2	AWG 24,26
SS-5051 B	155±2	9±0.5	2.0±0.2	AWG 22,24
SS-5051 C	50±2	9±0.5	2.0±0.2	AWG 22,24

Dimension



Body material : Epoxy glass
Lead wire : teflon AWG 22 to 26
Color code : Element material

Model No Code



※Leadwires

Standard wires are tenon or kapton insulation. Other lead wire coverings are available on special order.

Bearing Temperature Sensor

Features

SS-5052 Type (RTD or Thermocouple) proves for bearing protection temperature. Small in size, good vibration resistance.

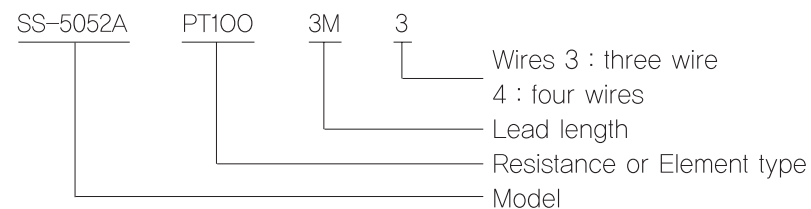
Application

Pump's and Generator's bearing point Rechargeable battery's temperature detector.

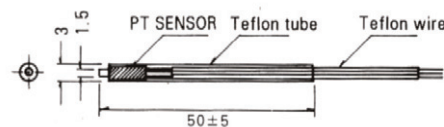
Sheath Material

Copper, Stainless steel, Nickel, Aluminum, Ceramic, Others

Model No Code



Standard Type



* Standard Type

MODEL		MATERIAL	KINDNESS
SS5052A	PT100	Platinum	100Ω, 500Ω, 1000Ω
SS5052B	K		K, J, T, E

Surface Temperature Sensor

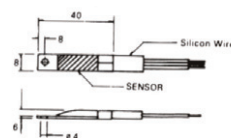
Features

Small Type, Vibration proof very fast reponsibility Reliable insulation(3kV /min)

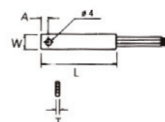
Application

Surface of pipe, battery, liquid tank

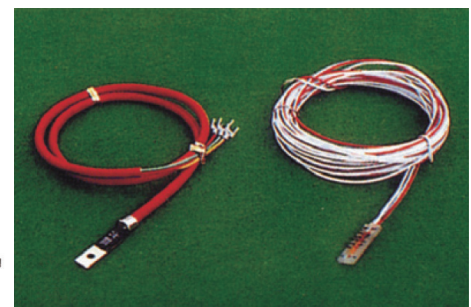
Standard Type



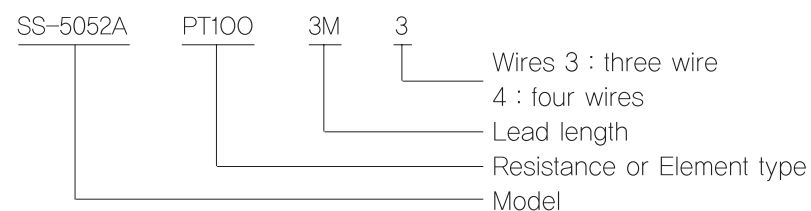
SS-5053A



SS-50538



Model No Code



* Standard Type : SS-5053A PT 1008 3M3

* General specifications are equal to SS-5051 Type