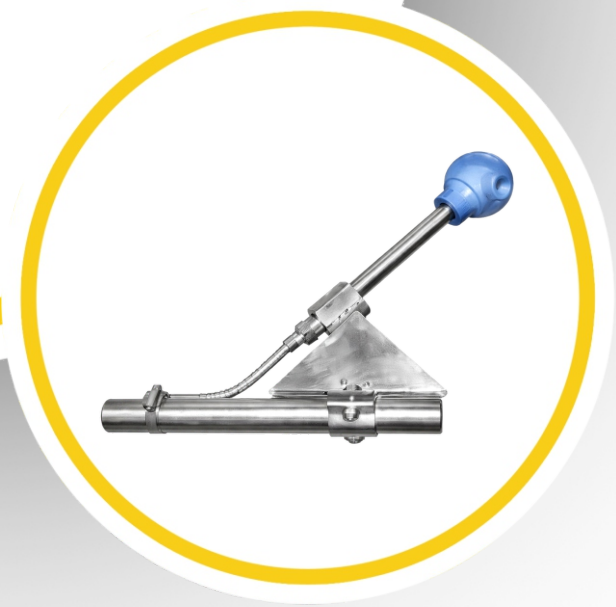


The Need For Every
Process Industry

SPINK CONTROLS®

An ISO 9001:2015 Certified Company



RESISTANCE TEMPERATURE DETECTOR

MODEL: SC / T - 100

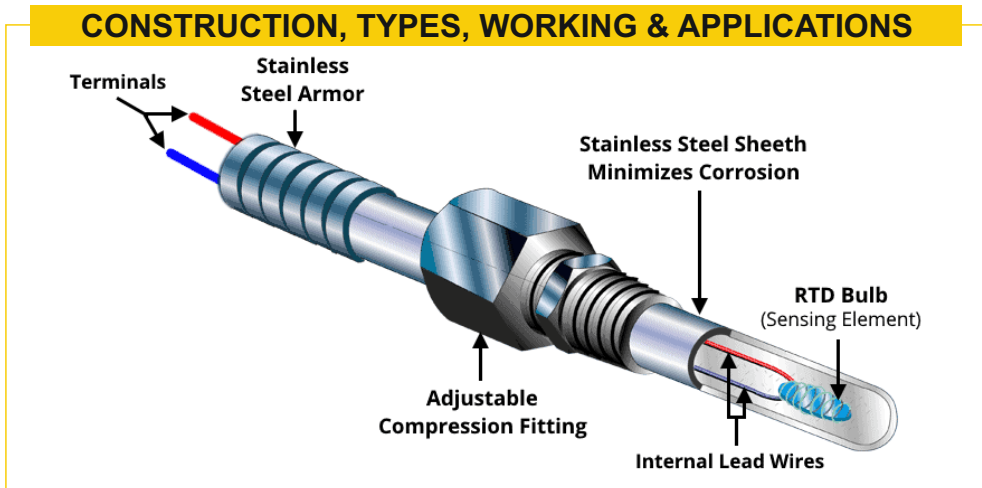
TEMPERATURE

RESISTANCE TEMPERATURE DETECTOR

MODEL: SC / T - 100

An RTD (Resistance Temperature Detector) is a temperature sensor that operates on the measurement principle that a material's electrical resistance changes with temperature.

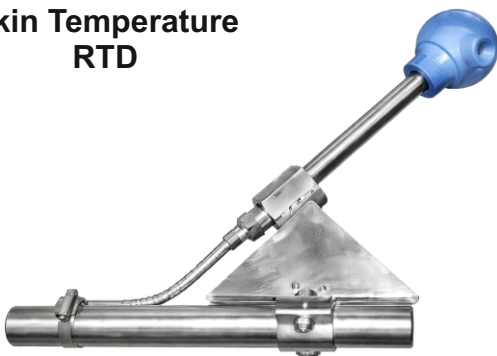
The relationship between an RTD's resistance and the surrounding temperature is highly predictable, allowing for accurate and consistent temperature measurement. By supplying an RTD with a constant current and measuring the resulting voltage drop across the resistor, the RTD's resistance can be calculated, and the temperature can be determined.



ENGINEERING SPECIFICATION RTD SENSOR

TYPE	: SIMPLEX / DUPLEX TYPE Pt-100
CONNECTION	: BSP / NPT / TC / FLANGED / THREADED
RANGE	: -50 to 300°C
STEM LENGTH	: 50 mm to 3000 mm
WIRE LENGTH	: 2 Mtr PT-100 SS FULL BRAIDED WIRE
SENSOR ELEMENTS	: 2 × 5 RTD SENSOR
MOC	: SS304 / SS316 TITANIUM, NICKEL, INCONEL, OTHER ON REQUEST
ADDITIONAL FEATURE	: THERMOWELL, SKIN TYPE AVAILABLE

Skin Temperature RTD



RTD with Thermowell





Head Office

303, SIDDHARTH TOWER, G.P. PAI ROAD, KOPRI, THANE (E) - 400603 MAHARASHTRA, INDIA
 Phone : +91 22 2532 8223
 +91 22 2532 8224
 Email : info@spinkcontrolsindia.com

Plant 1

GALA No. F-4 A WING, UDYOG BHAVAN-2 ADDITIONAL AMBERNATH, INDUSTRIAL AREA, ANAND NAGAR MIDC AMBERNATH, THANE 421501
 Phone : +91 9594991196
 Email : rupa.thakkar@spinkcontrols.com

Plant 2

PLOT No.: MS 114/115, AMBERNATH INDUSTRIAL AREA, CHIKHLOLI MIDC, AMBERNATH (W) THANE 421501
 Phone : +91 7400159593
 Email : avanti.rangdal@spinkcontrols.com

