

RTD

THERMOCOUPLE

HEATER

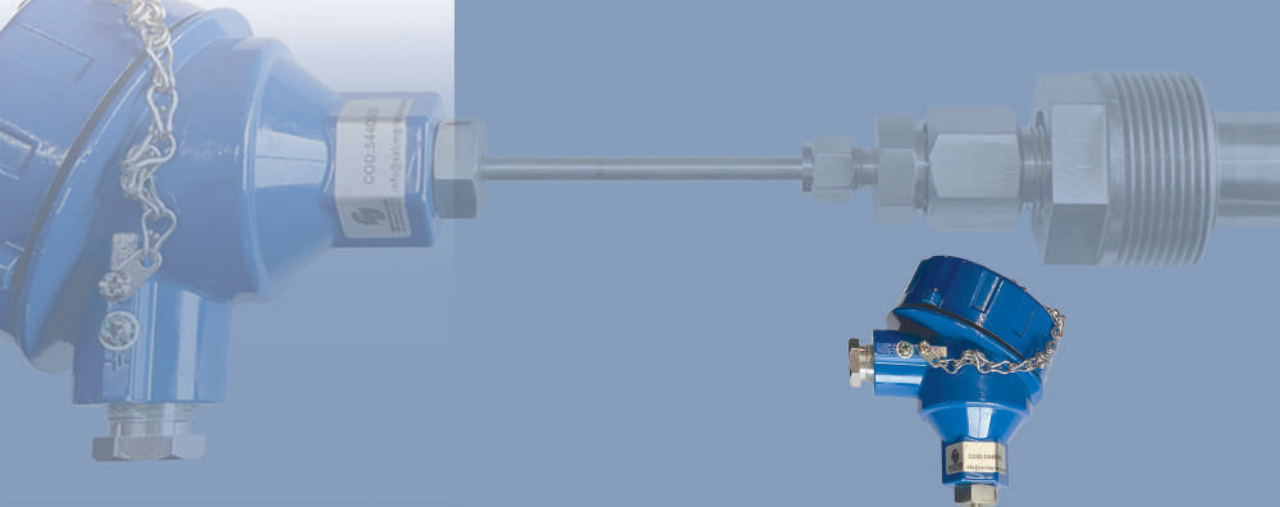
About SALIM INDUSTRY ARIYA GROUP

- Started working in the field of designing and producing industrial heaters in 1973 and in 2001, respectively, with activities in the fields of production, design, construction, reverse engineering, and supply to meet the needs of the country's major industries, such as steel, cement, the military, and the oil, gas, and petrochemical industries etc. They are also active in the field of precision instruments and temperature, and by gaining knowledge and skills from well-known multinational corporations, passing courses, and obtaining international certificates from JUMO and DANFOSS companies, they have overlooked a new vision in this industry.
- We are pleased to have an experienced and knowledgeable staff. By localizing this product (with accuracy to eight-digit) in 2019, we were able to obtain the Vice President of Science and Technology of the President's approval to join the group of knowledge enterprise companies

The set of activities of this company:

This collection as an internal manufacturer and knowledge-based manufacturer:

- Types of temperature sensors:
 - 1-Thermocouple in different types (S-T-J-K...) in the temperature range of -200 to +2300 degrees Celsius.
 - 2- RTD in models (PT-50, PT-100, PT-500, PT-1000) in the temperature range of -200 to +800 degrees Celsius. Types of thermowells.
- Types of transmitters that can be mounted on sensors.
- Types of precision instrument cables.
- Etc.



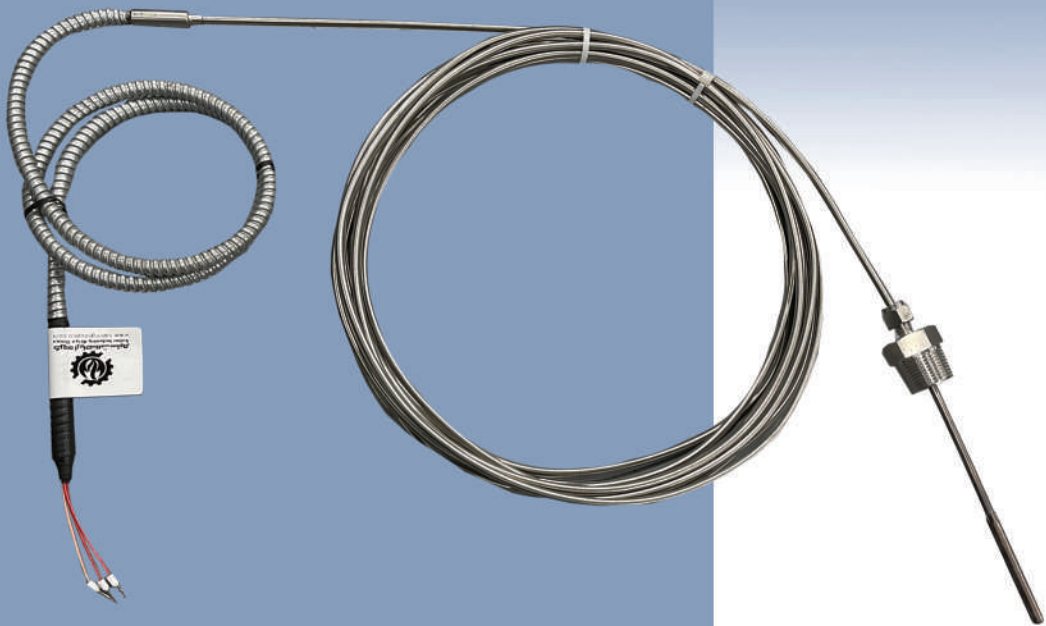
RTD WITH THERMOWELL

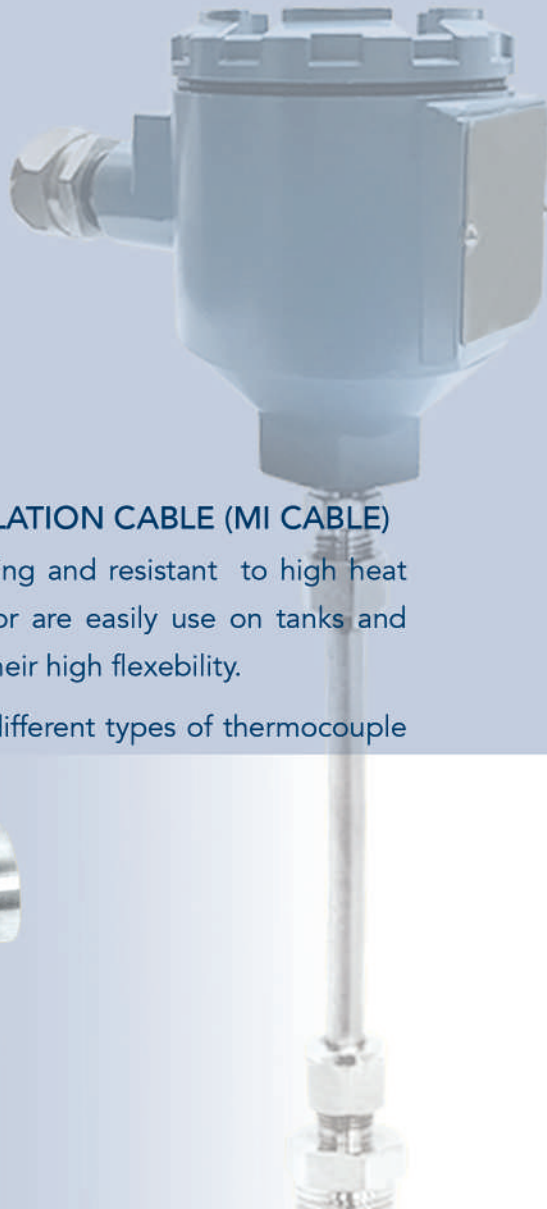
Various type of thermocouples and RTD sensors can be manufactured with thermowell, which provides more protection for the sensor sheath.



Due to the lack of space in some sensor designs, the connection head thus a connecting cable is utilized instead to connect the sensor and display together directly. The connection cables entire length is permitted to be up to 30 meters under the IEC standard.

SALIM INDUSTRY ARIYA GROUP can produce extension cable with variouse coating , thiknesses and colors.

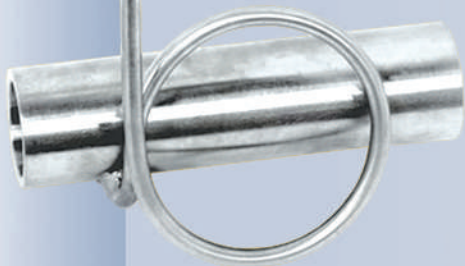




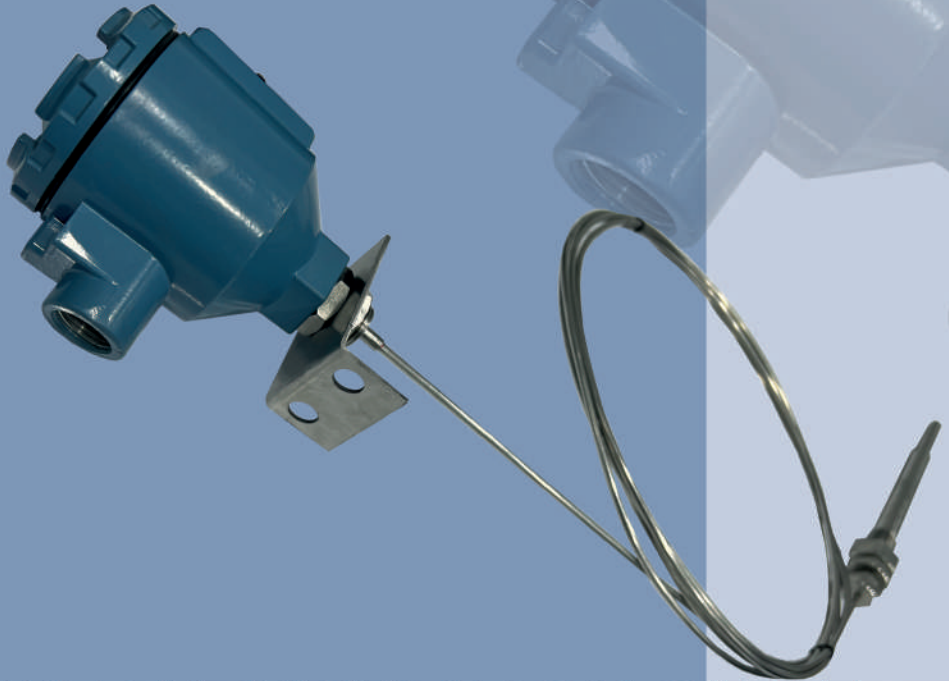
MINERAL INSULATION CABLE (MI CABLE)

usability for forming and resistant to high heat this kind of sensor are easily use on tanks and furnaces due to their high flexibility.

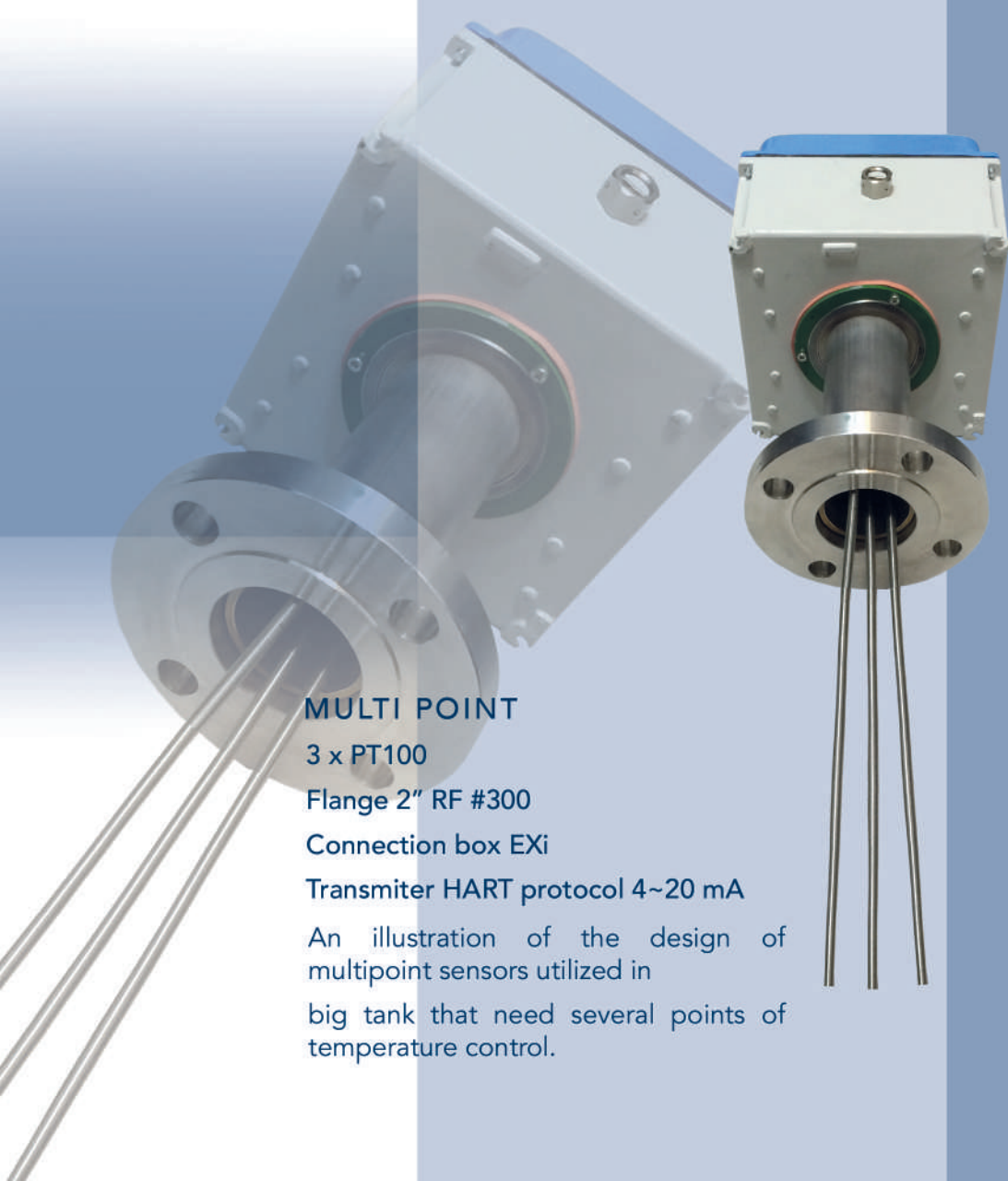
can be made in different types of thermocouple and RTD.



MINERAL INSULATION CABLE



**MINERAL INSULATION CABLE
(MI CABLE)**



MULTI POINT

3 x PT100

Flange 2" RF #300

Connection box EXi

Transmitter HART protocol 4~20 mA

An illustration of the design of multipoint sensors utilized in

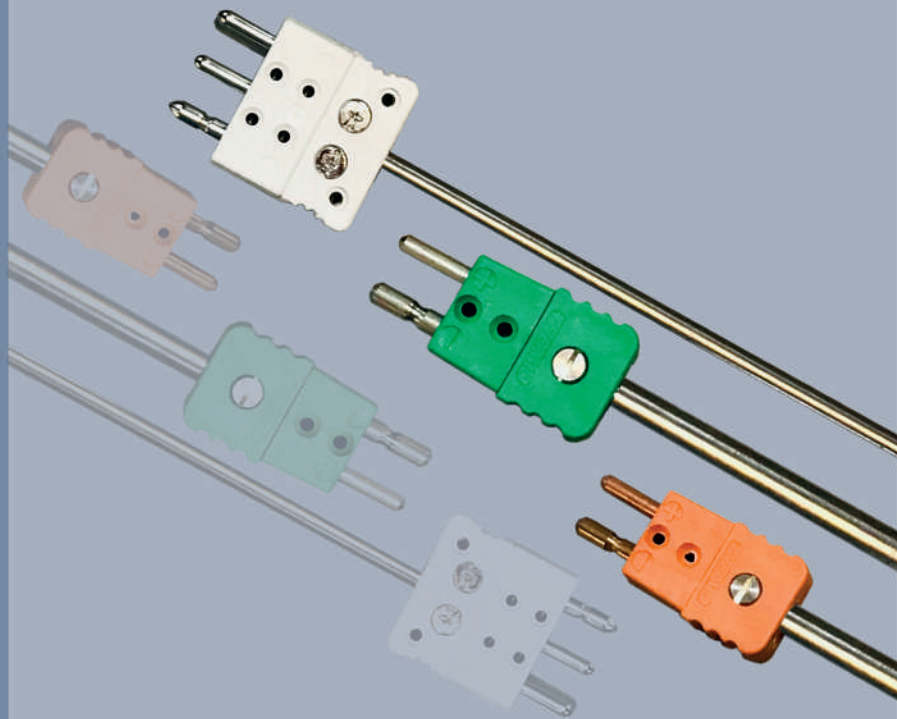
big tank that need several points of temperature control.



TC WITH THERMOWELL

This thermowells Can be produced in various shapes (tapped-step-straight) and thickness. Flanges or other connections are utilized to connect them.





CONNECTOR PLUGE & SOCKET

in miniator and standard size various type



RTD ELEMENT PT-100 WITH CALAMP

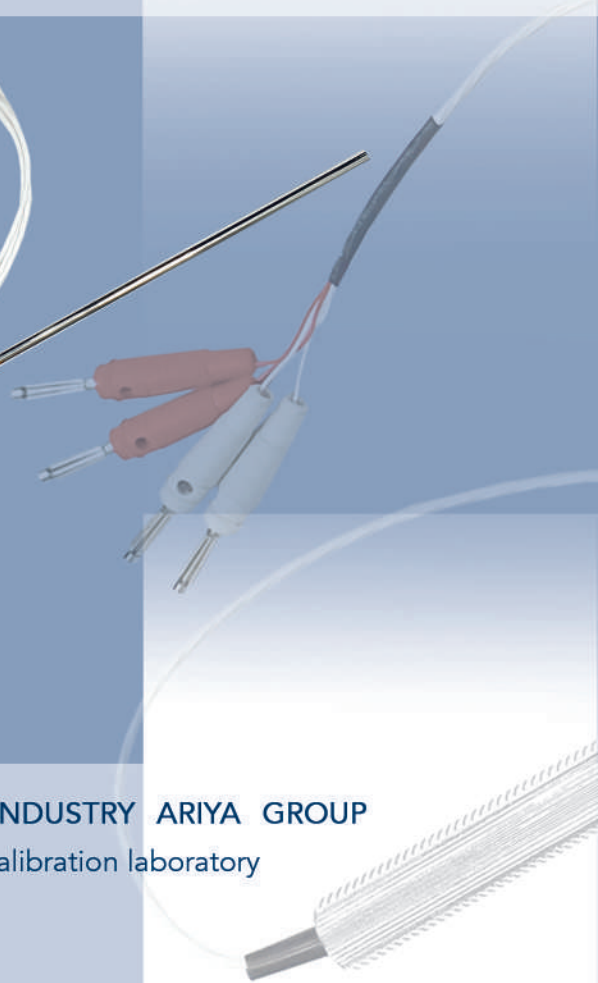
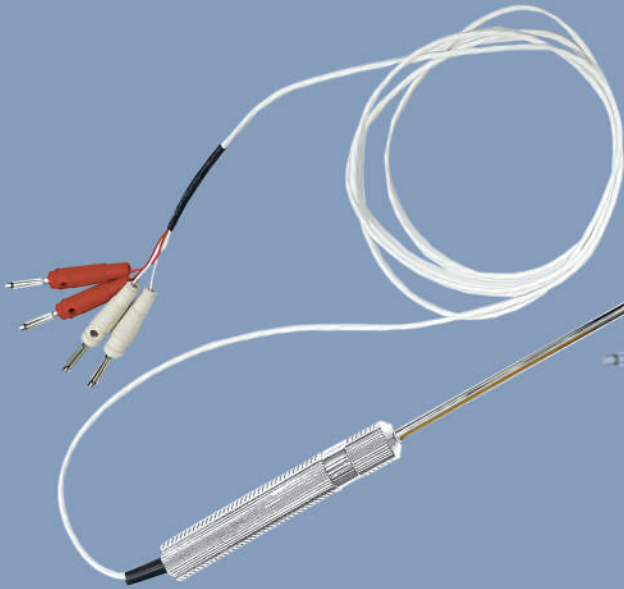
Step tip for better response time all dimensions are customisable.



CALIBRATION LABORATORY (DRY BLOCK)

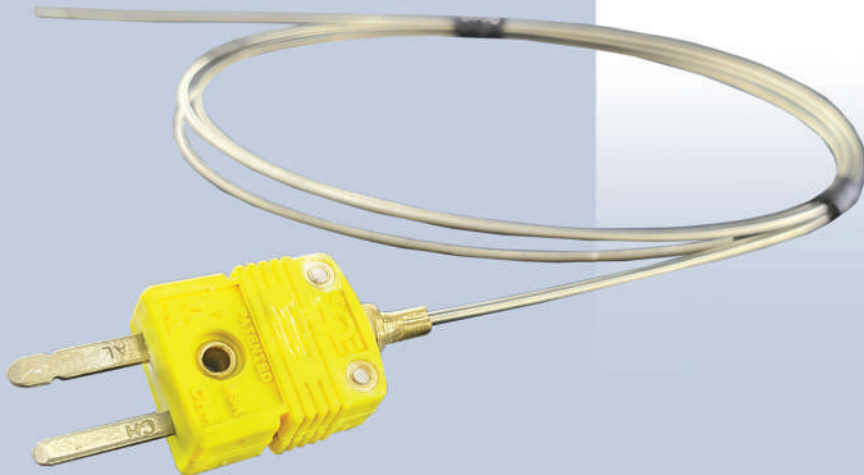
SALIM INDUSTRY ARIYA GROUP

has implemented the ISO/IEC 17205:2017 standard in its temperature calibration laboratory in an effort to confirm and improve the quality of products in 2021.



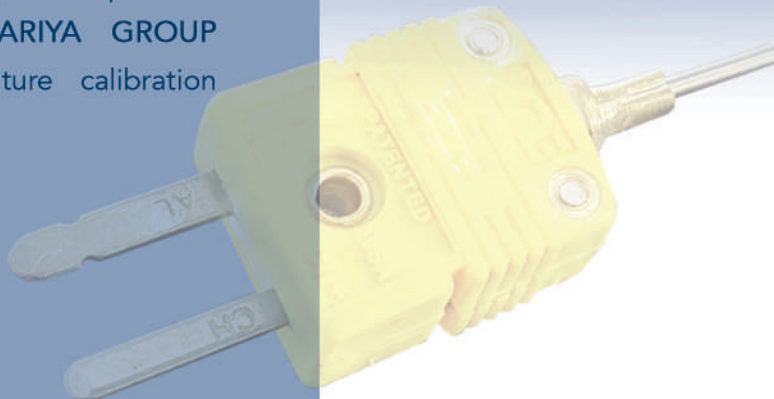
SEMI STANDARD PRT

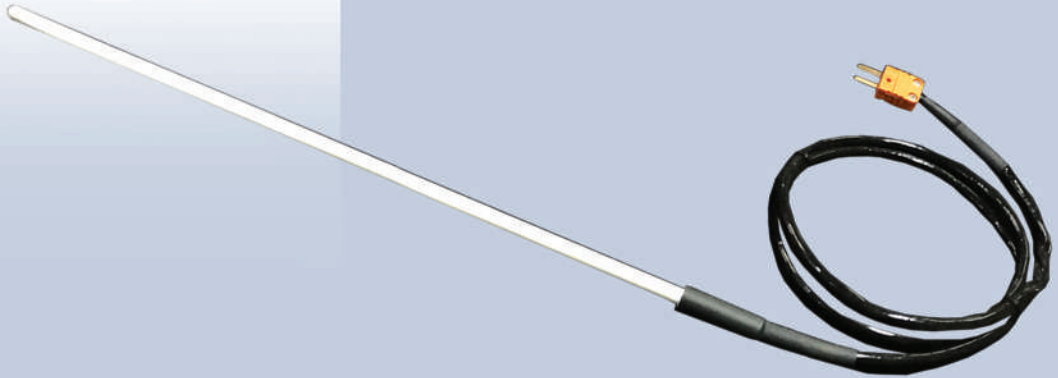
wich produce by **SALIM INDUSTRY ARIYA GROUP**
and utilized in themprature calibration laboratory



REFERENCE SENSOR

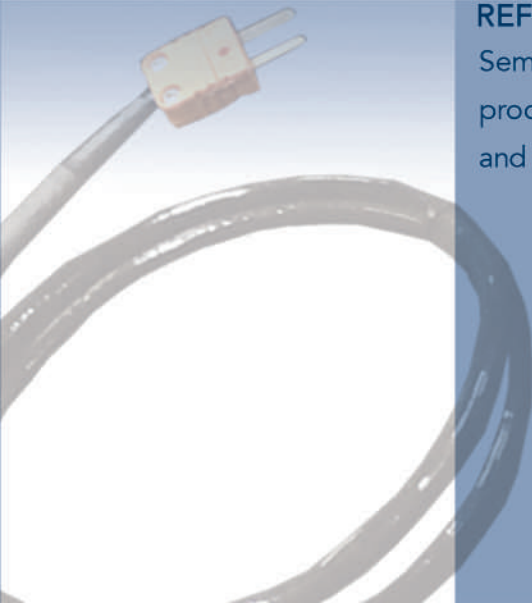
Semi Standard Thermocouple wich produce
by **SALIM INDUSTRY ARIYA GROUP**
and utilized in themperature calibration
laboratory

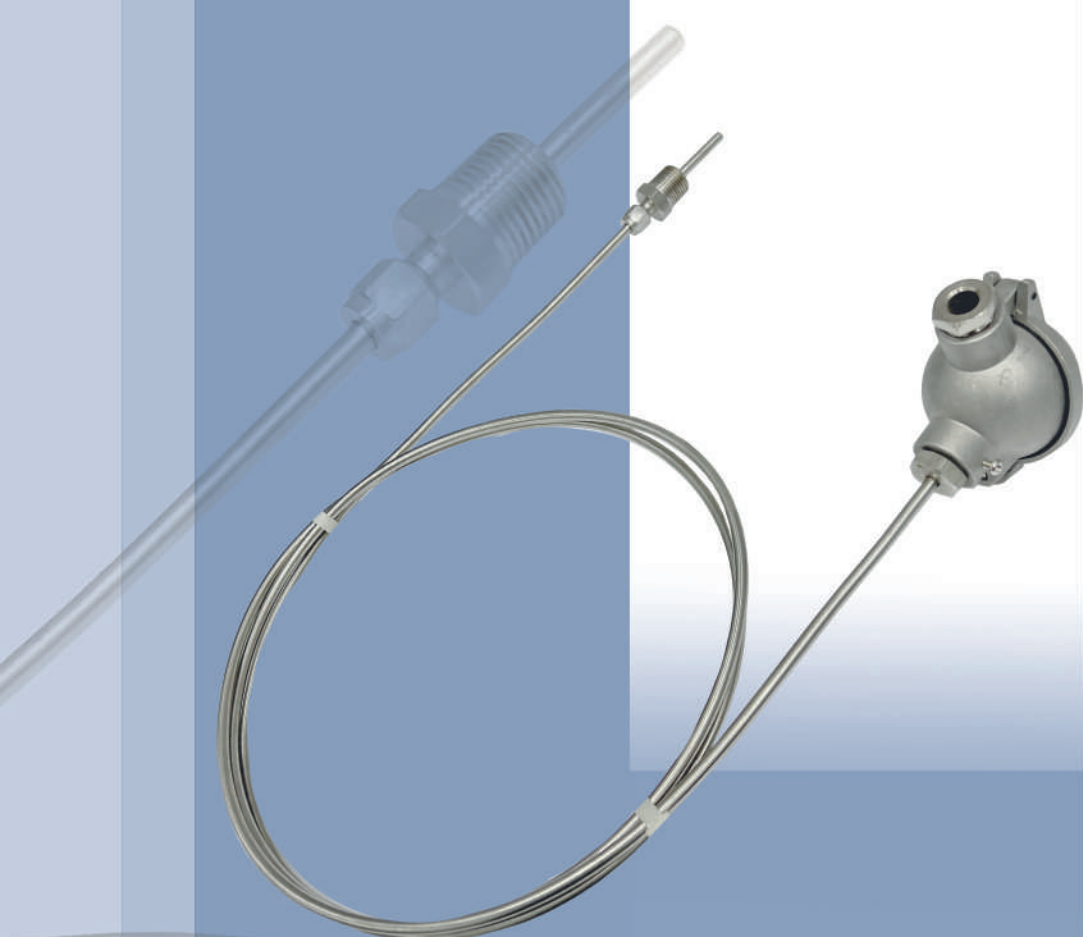




REFERENCE SENSOR

Semi Standard Thermocouple & Dry Block with produce by SALIM INDUSTRY ARIYA GROUP and utilized in themprature calibration laboratory





MINERAL INSULATION CABLE (MI-CABLE)

in different size and and different type with connction.

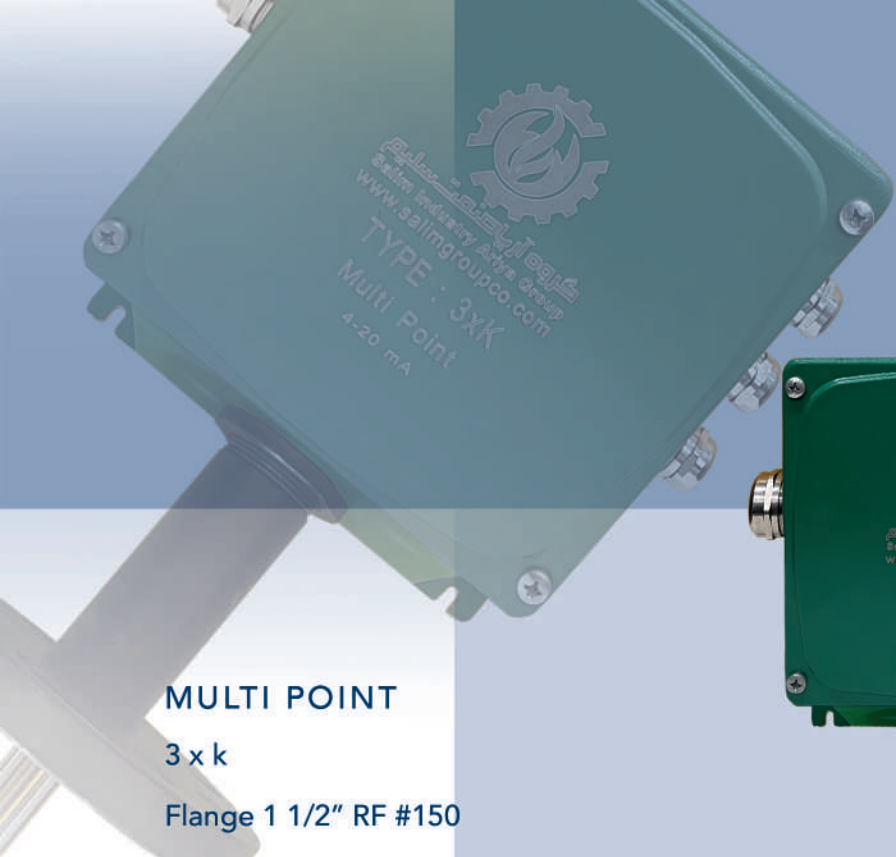
this kind of sensor are flexible.



HIGHT TEMPERATURE TC

this sensore use in exhaust of V94.2 turbine

respons time is so important and sensor should be expose.



MULTI POINT

3 x k

Flange 1 1/2" RF #150

Connection box IP67

Transmitter HART protocol 4~20 mA

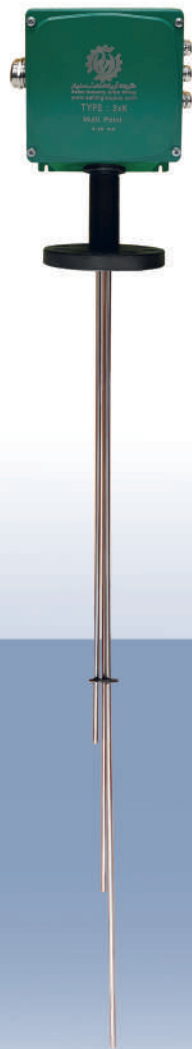
An illustration of the design of multipoint sensors utilized in big tank that need several points of temperature control.

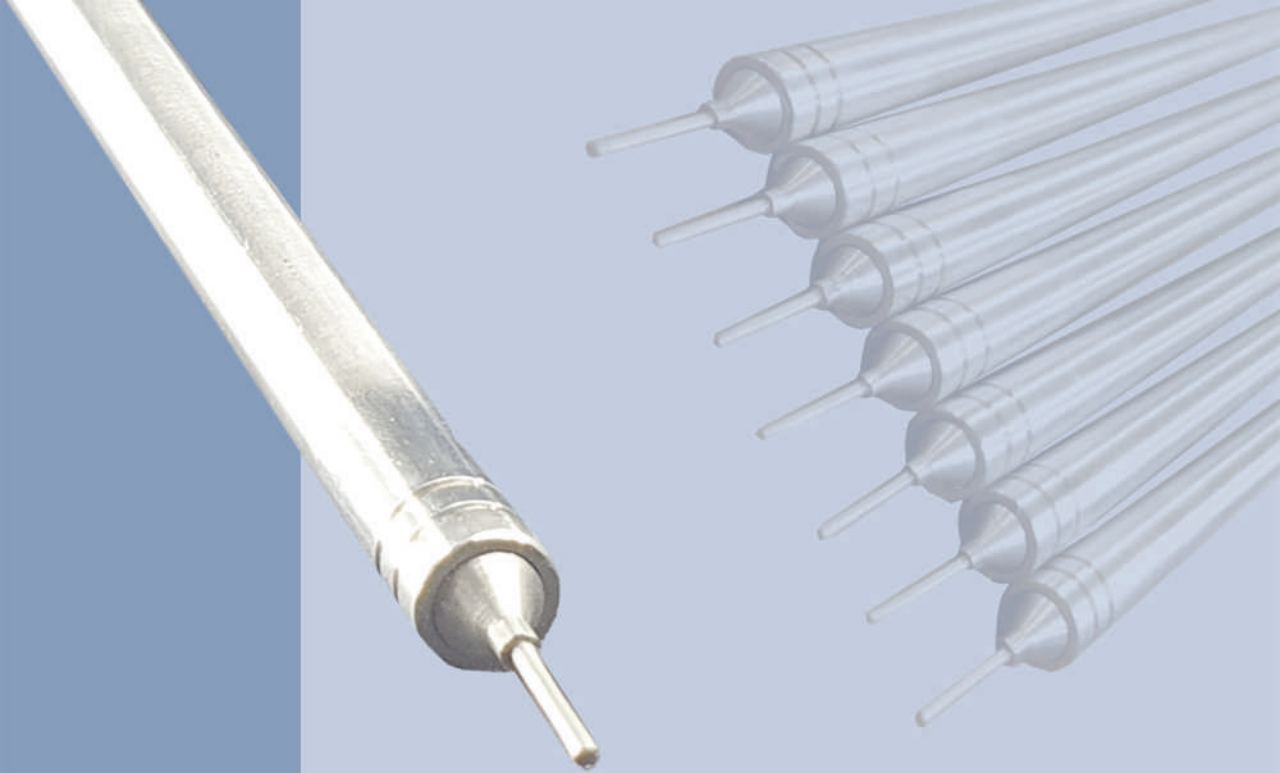




MULTI POINT

MULTI POINT





MINERAL INSULATION CABLE (MI CABLE)

sensor with minimum diameter and maximum heat tolerance this sensor is used in GE-FR9 turbine.

The image features a bundle of approximately ten parallel metal rods, likely made of stainless steel, arranged in a fan-like pattern. One rod is positioned in the foreground, extending from the bottom right towards the center, and is in sharp focus. The background is split into two vertical sections: a light blue section on the left and a white section on the right. The rods are set against a light blue gradient background.

REDUSE MI-CABLE

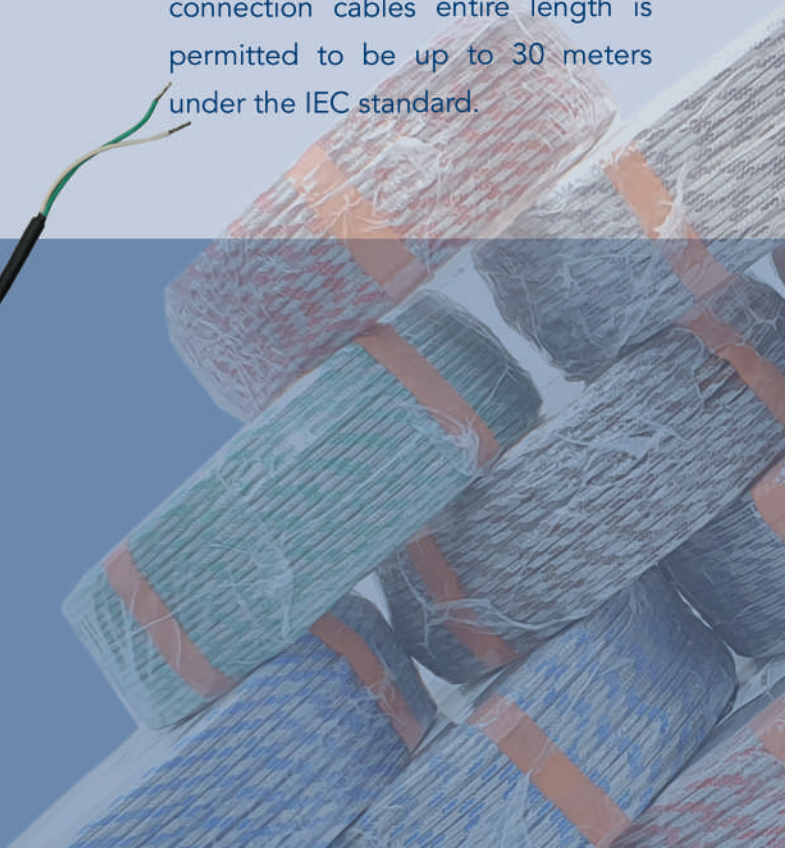
this sensor due reduce tip have best
response time and most use in GE
turbine.

SALIM INDUSTRY ARIYA GROUP
can produce reduce tip in any size.



MI CABLE WITH CABLE.

Due to the lack of space in some sensor designs, the connection head thus a connecting cable is utilized instead to connect the sensor and display together directly. The connection cables entire length is permitted to be up to 30 meters under the IEC standard.





Since 1972

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