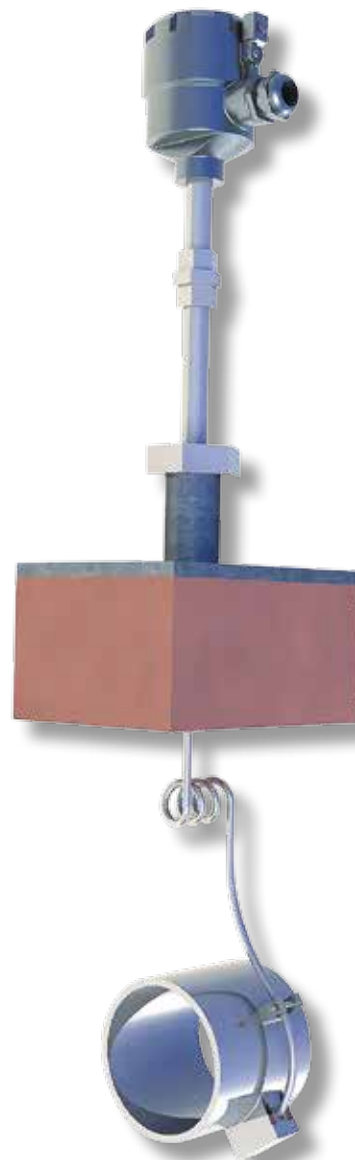


SKIN TEMPERATURE SENSOR

For measuring tube surface (skin)
temperatures

- High accuracy
- Excellent measurement reproducibility up to **1,100°C**
- Explosion-proof and **ATEX** -compliant
- Interchangeable sensing element



Petrochemicals



Pipe still furnaces

■ Operation

Designed to withstand severe environments, this sensor can be used to accurately measure the surface temperature of a pipe and deduce from it the temperature of the fluid flowing inside it. This non-intrusive contact temperature sensor benefits from exclusive technology allowing the sensing element to be changed without removing the support.

■ Technical specifications

Measurement	by contact
Operating temperature	up to 1,150 °C

Interchangeable measuring element

Sensor type	K thermocouple
Sheath metal	Inconel 600
Protective sheath	Ceramic thimble
Electrical connection	Hart® 4/20 mA transmitter

Connection head

Head	Light-alloy and epoxy PSX ADF
Certification	Complies with ATEX, safety d
Cable gland	ADF ¾ NPT

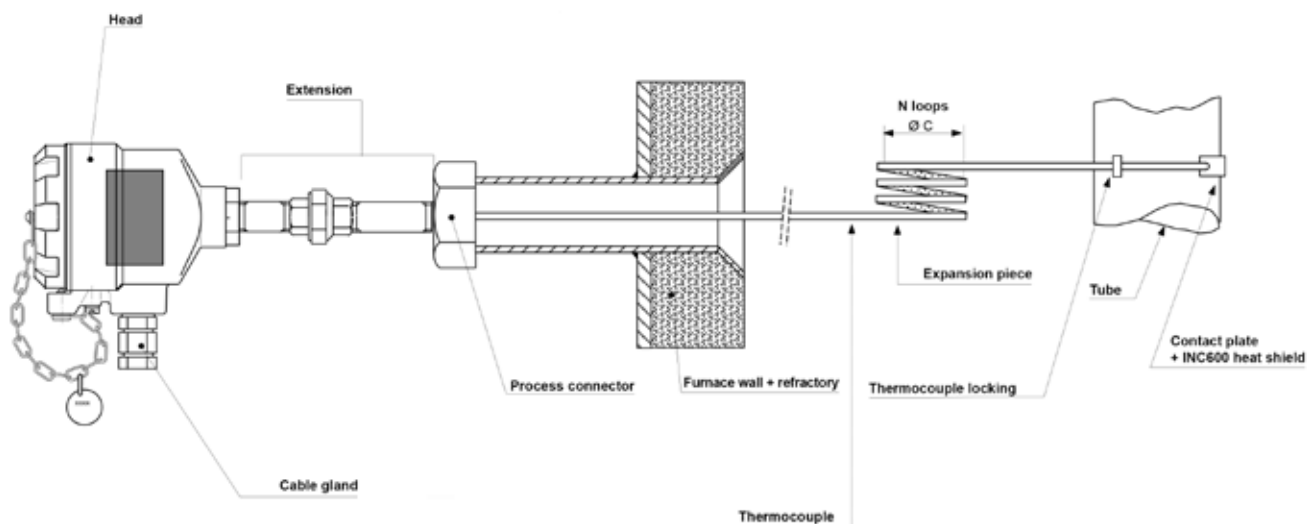
Extension

Sleeve	Type M, 316L stainless steel with union joint
Cable gland	ADF ¾ NPT

Fitting on tube

Protection of sensing element	Contact plate - + heat shield
Locking of sensing element	Hasp Cable guide

■ Diagram



■ Other versions

Depending on the application, a range of combinations is available to meet your needs: type of measuring element (J or N thermocouple), simple or duplex mounting, type of sheath (316L, Pyrosil, etc.), connection head, etc. Our R&D Department can produce tailored temperature sensors according to your specifications.

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