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▶ RTD Surface sensor TRA-G20

Surface RTD Sensor for industrial sensing, on double sheeted pipes, storage tanks or any application where non penetrative sensing is wanted or necessary. Designed with an extra long spring way for the tip, makes it ideal for industries having different distances to the measuring surface, but need one instrument. The long spring makes it possible to place the sensor on a measuring surface that vibrates or moves up and down.

Typical applications for the sensor is Oil & Gas, Petrochemicals, Energy and machine builders.

RTD Surface sensor TRA-G20 with long spring length

Usage:

For measurement on double sheeted pipes, storage tanks or any application where non penetrative sensing is wanted or necessary.

Design:

The thermo well is made of 1.4404 materials in IP65 classification. Stainless steel head is optional.

Spring loaded measuring mechanism to guarantee surface contact at all times, and with silver tip design for fast heat transfer to PT element.

The neck tube is 100 mm which gives the possibility of isolation.

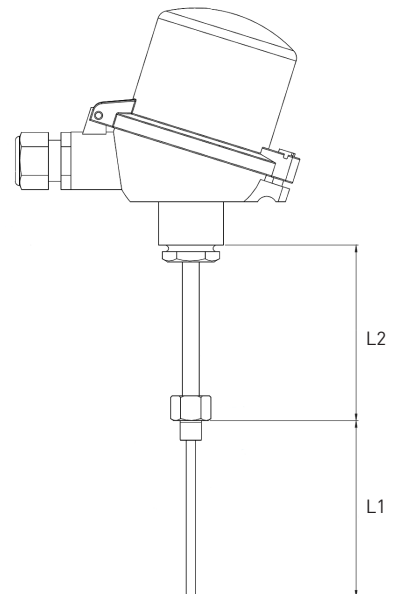
Process connection:	1/8 NPT
Material:	1.4404 / 316 L
Temperature range:	-50°C... +150°C
Ambient temp. range:	-40°C... +80°C
Sensor:	1 x Pt 100, 4-wire, class A acc. EN 60751
Sensor tip:	Skin sensitive, fast responding Ag tip
Spring way:	40mm
Insertion length, L1:	50, 65, 85, 110, 140 mm
Connection:	Ceramic terminal block
Neck tube length, L2:	100 mm
Connection head:	BUZ-H, cast aluminum
Enclosure Class:	IP65
Cable gland:	M20 x 1,5 mm

Optional:

- In-head transmitter
- Simple apparatus certificate (according to EN 60079-11)
- Calibration certificate
- GOST, GOST-R in preparation

Contact

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