

Thermo sensor S20

SENSOR TYPE S20

Measuring element with welded thermowell according to DIN standard

Execution

- Standard
- Ex ia IIC T6 Ga

Inset \varnothing d 6mm

Type

- TC Type K IEC/EN 60584-2
- RTD Pt 100 IEC/EN 60751

Accuracy

- Type K: Cl.1, Cl.2
- Pt100: Cl.A, Cl.B

Sensing element

- TC type K: Insulated or grounded
- RTD: Pt100 Ω /0°C

Electrical circuit

- TC: 1x2 or 2x2 wires
- RTD: 1x3, 1x4, 2x3, 2x4 wires*

Sheath material

- TC: Inconel 600
- RTD: AISI 316L

For mounting with:

- Terminal block
- Transmitter, Hart 4...20mA
- Terminal block and transmitter

Head type

- BUZ
- BUZH

Head mounting / Cable entry

- M24x1.5 / M20x1.5
- 1/2"NPT / 1/2"NPT

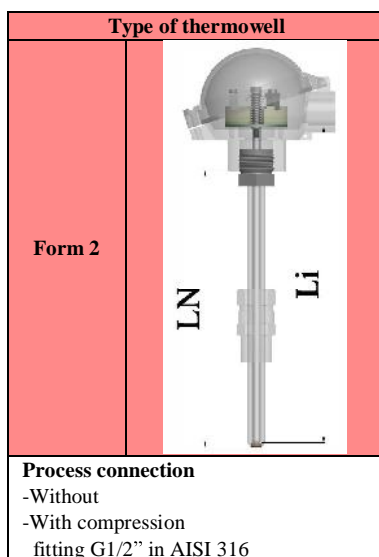
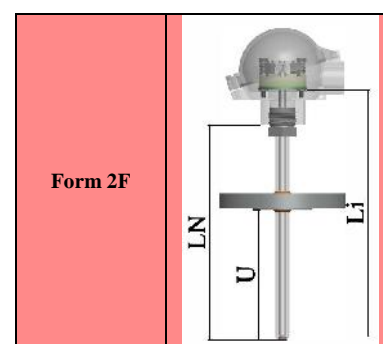
Thermowell

- External \varnothing : 11 in AISI 316L
- External \varnothing : 9 or 14 in AISI 316Ti
- Type: 2, 2F, 2G

Certifications

- Atex, IECEx, SIL2

*2x4wires only for \varnothing 6 or \varnothing 6.35mm

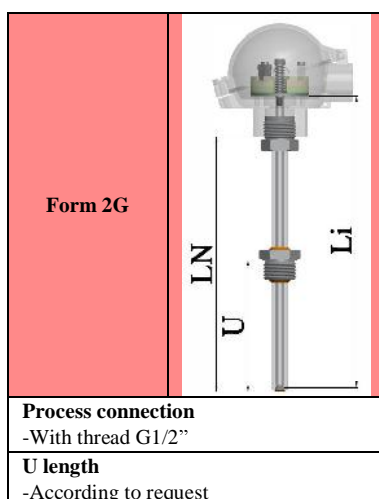
Form 2F

LN

U

Li

Process connection	
Norm DIN	Norm ANSI
DN 25 PN40	1"150#RF
	1"300#RF
	1-1/2"150#RF
DN 50 PN40	1-1/2"300#RF
	2"150#RF
	2"300#RF
U length -According to request	



Standard length	
Li [mm]	LN [mm]
275	248
315	288
345	318
375	348
405	378
435	408
525	498
585	558
655	628
735	708