

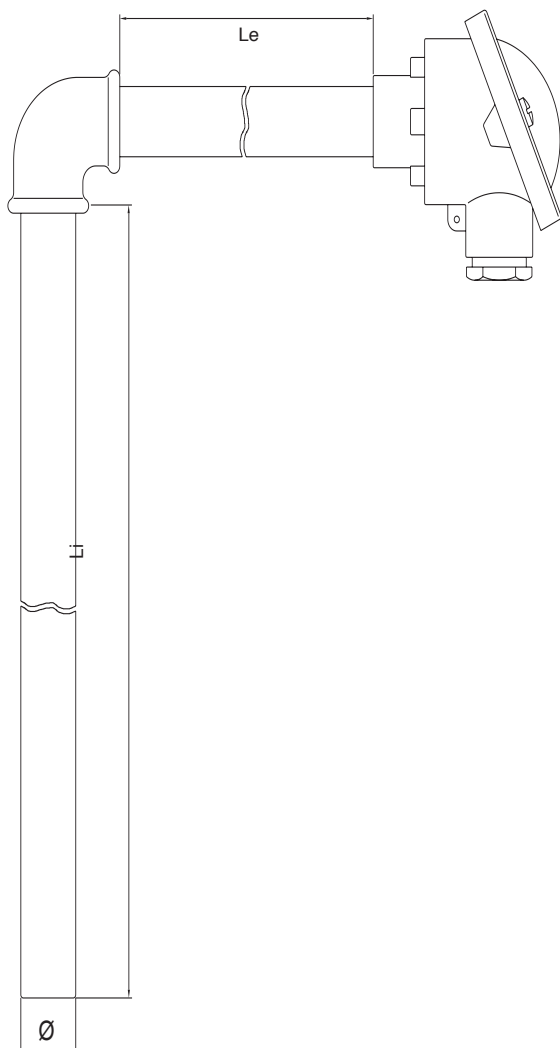


Main features

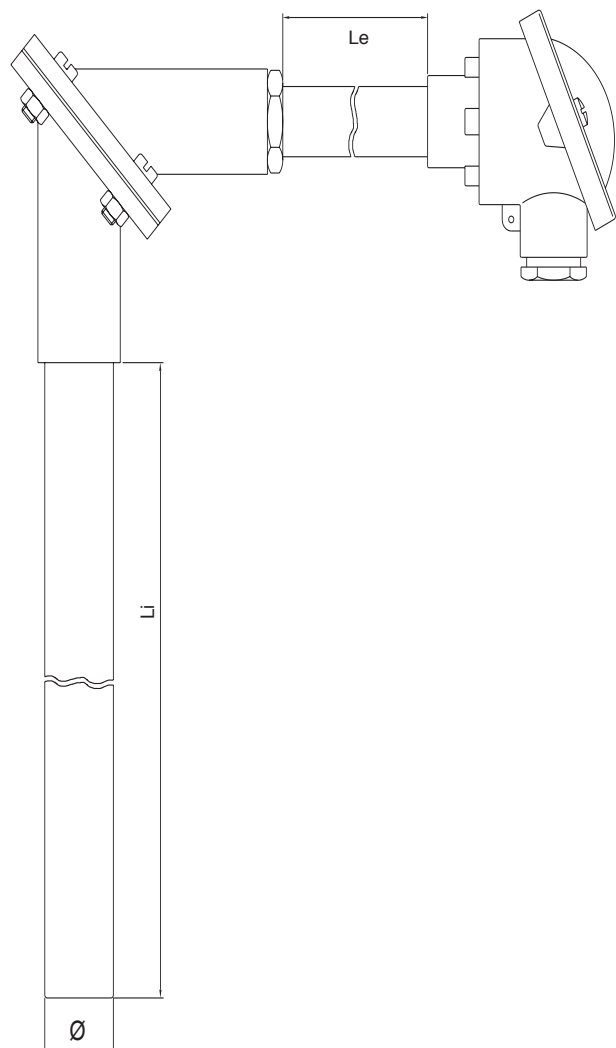
- Temperature limits:
 - 40 ... + 750° C for type J
 - 40 ... + 1200° C for type K(see table for sheath diameters)
- Tolerance (IEC standard 584.2/Class 2):
 - $\pm 2.5^{\circ} \text{C}$ (- 40 ... + 333° C)
 - $\pm 0.0075 [t]$ ($t > + 333^{\circ} \text{C}$)
- Ceramic insulation of the thermocouple element
- Suitable for direct insertion into molten metal

MODELS

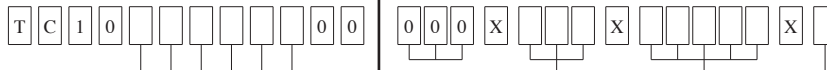
TC10 A
with shoulder bend



TC10 B
with angle flange



ORDER CODE



CODE

Model	
With shoulder bend	A
With angle flange	B

Element + Hot Junction	
Single Insulated	1
Double Insulated	3

Connection Head	
Fe - Cu/Ni	J
Ni/Cr - Ni/Al	K

Sheath Material	
DIN B	C
DIN A	D
DIN BUS	E

Sheath Material	
AISI 310	B *
AISI 316	C *
INCONEL 600	F *
Spheroidal Cast Iron	H **
Grafito	O ***
AISI 446	P *

(*) Available with sheath \varnothing 1/2, 3/4 and 1" GAS only
 (**) Available with 35mm sheath \varnothing only
 (***) Available with 50mm sheath \varnothing and with 400, 500, 600, 750, 920, 1100mm immersion lengths only

Sheath Diameter (mm)	
21.3 (1/2")	Q
26.7 (3/4")	T
33.4 (1")	V
35	X
50	Y

Certificates

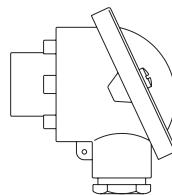
A	Conformity Report
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LENGTHS AND ACCESSORIES

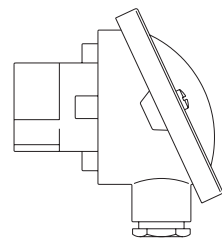
Li = Immersion Length (mm)
Standard length from 200 to 1000mm with 50mm step

Le = Extension Length (mm)
Standard length from 400 to 600mm with 100mm step

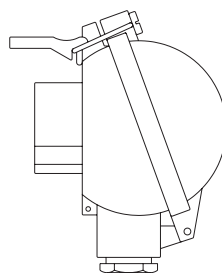
C



D



E



GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice

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