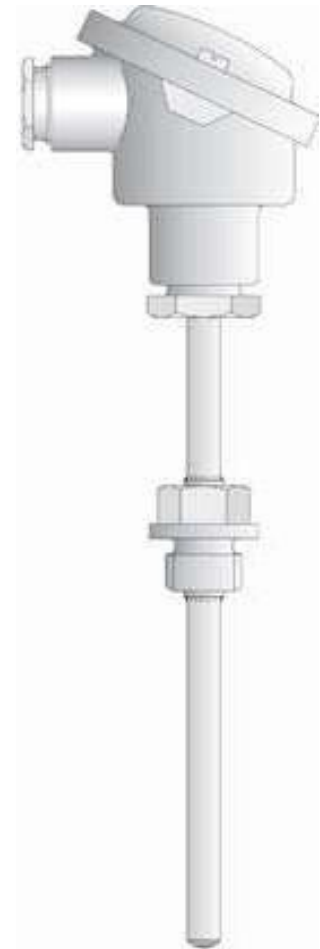


## Feature

- Temperature measurement range -200~+800°C
- Various indexing thermocouples are available
- Can provide single or double thermocouple
- Junction box type B, BUZ, BUZH, BBK
- Integral temperature transmitter is optional

Used to measure the temperature of liquid or gas. Whether under positive pressure or negative pressure, reliable sealing is an important principle for selecting thermocouples. Ambient temperature at the junction box can reach +100°C. Except standard B type junction box (IP54), you can also choose BUZ (IP65), BUZH, BBK type junction box. Stainless steel sleeve is used to protect the thermocouple ferrule from chemical corrosion and mechanical damage. Thermocouple ferrules comply with EN 60 584 standard (Class 2) or DIN 43 710 standard.



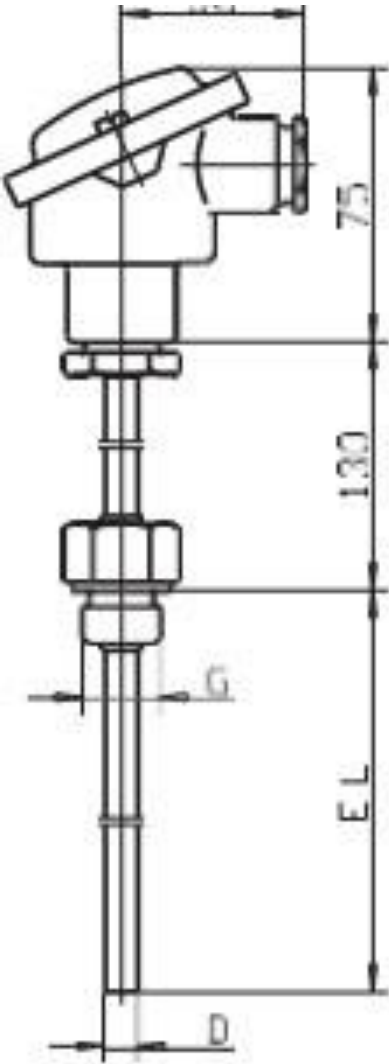
## Application

Oven, furnace, heating device, factory and process technology

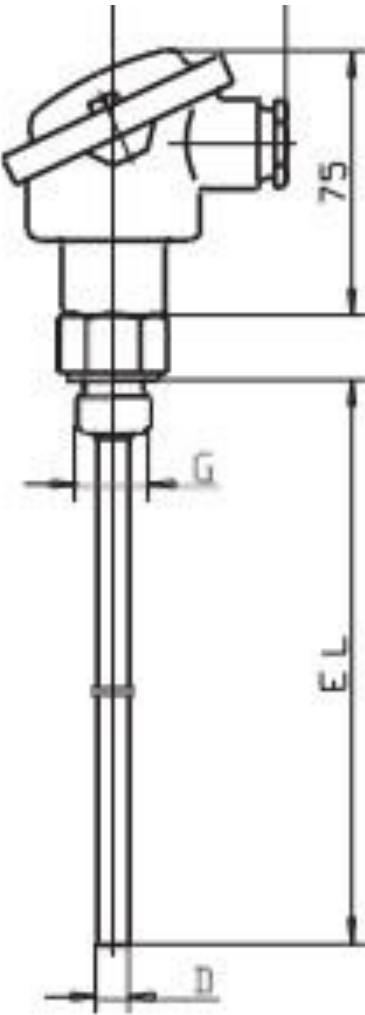
## Technical data

Junction box B type DIN 43 729 standard, cast aluminum housing, E-connection: M20×1.5 IP54, Ambient temperature -20~+100°C  
BUZ type, cast aluminum housing, E-connection: M20×1.5, IP65, Ambient temperature -20~+100°C  
BUZH type, cast aluminum housing, E-connection: M20×1.5, IP65, Ambient temperature -20~+100°C  
BBK type, plastic shell, E-connection M20×1.5, IP54, Ambient temperature -20~+130°C

External Size



**ZST13/10**



**ZST13/20**

## Ordering Guide

Series No	ZST13	X	X	X	X	X	X	X	X
Armoured Thermocouple	With extension Straight tube	/10							
	No extension Straight tube	/20							
Temperature Range	-200~+600°C		150						
	-200~+800°C		165						
Thermocouple Ferrule	1 x Fe-Con J			J1					
	1 x NiCr-NiK			K1					
	2 x Fe-Con J			J2					
	2 x NiCr-NiK			K2					
Protection Tube diameter	Ø 6mm			6					
	Ø 9mm			9					
	Ø 11mm			11					
Insertion Length EL	160mm			160					
	200mm			200					
	250mm			250					
	300mm			300					
	400mm			400					
	600mm			600					
	Optional length (Min interval 50mm)			...					
Process connection	Thread G 1/2			4G					
	Thread G 3/4			6G					
	Thread G 1			8G					
	Thread M 27X2			5M					
Additional Items	No			000					
	Extension tube length 70mm			306					
	Junction box BUZ			320					
	Junction box BUZH			321					
	Junction box BBK			322					
	1×Intelligent temperature transmitter, output 4~20mA/20~4mA			331					
	2×Intelligent temperature transmitter, output 4~20mA/20~4mA			335					