WZP(K) Temperature Sensor

Introduction

Industrial thermal resistance(thermocouple)is taken as a temperature sensor which is normally used with display instrument, recording instrument and electronic regulator.It can directly measure the temperature of liquid,steam, gas medium and solid surface in production process from-200 ℃ to 1600 ℃ . And the explosion-proof construction is suitable for explosion-proof occasions.

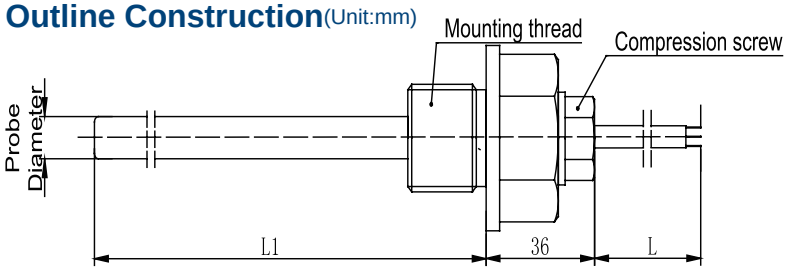
Specification

Sensor Type	Measured Range	Graduation	Allowed Error △ t ℃
WZP Thermal Resistance	-200℃ ~500℃	Pt100	A、B class (-200℃ ~500℃) Allowed error ±(0.15+0.002|t|)
WZK Thermocouple	0℃ ~1600℃	K(S、T、B、E、R、J optional)	0℃ ~1600℃ I class ±1.5℃ ; II class ±2.5℃

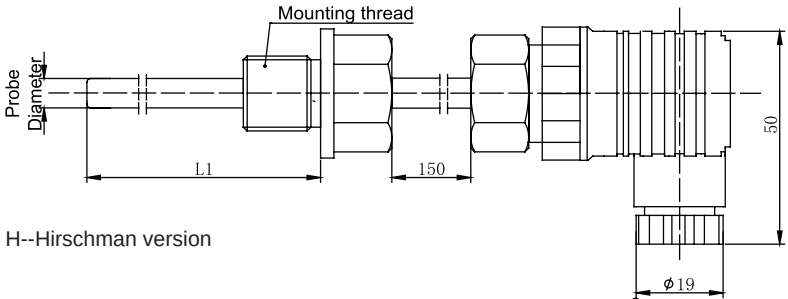
Features

- Compact construction, convenient for installation;
- High reliability with sensor contacting with measured media;
- Corrosion resistance with full stainless steel materials;
- Various customization available.

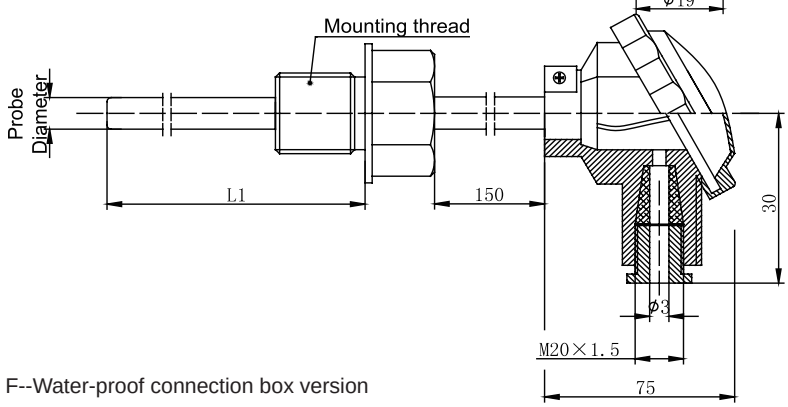
Outline Construction(Unit:mm)



L--Cable version



H--Hirschman version



F--Water-proof connection box version

Order Guide

WZ	Temperature Sensor					
	Code	Temperature sensing element				
	P	Thermal resistance P Pt100				
	K	Thermocouple K(S,T,B,E,R,J optional)				
		Code	Inserted depth(mm)			
		L1	Depth (thread length included)			
			Code	Mounting method		
			M	M27×2 thread length 32mm		
			G	G1/2 thread length 20mm		
			C	M20×1.5 thread length 18mm		
			T	Customized		
				Code	Probe diameter(mm)	
				X	φ6\φ8\φ10\φ12	
					Code	Electric connection
					L	Customized length (null-default:200mm)
					H	Hirschman plug
					F	Water-proof connection box
WZ	P	150	M	φ10	L	Whole Specs.

Notes:

Example:

WZP-150MΦ10: platinum thermistor, Pt100, inserted depth 150mm,

mounting thread M27×2, probe diameter Φ10mm,with cable 200mm.