

## Description

UTC2 series temperature transducer is specially designed for such equipments as compressor, refrigerator, or air compressor etc. It is mainly used in gathering system for real-time temperature gathering.

UTC2 temperature transducer adopts imported Class A thin film platinum resistors, its solid state structure, shock resistance, and uniformity are very good. Solid stainless steel column processing with high intensity and good reliability. The probe is filled with sufficient elastic heat conduction silica gel, not only guarantees fast heat conduction, also avoid the extrusion thermal deformation to the platinum resistor, and further more improve the product ability of shock resistance.



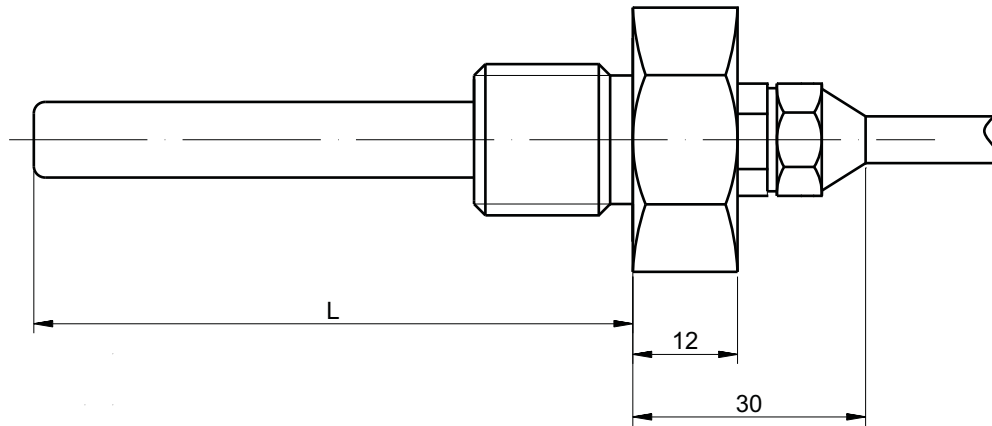
## Features

- Adopting imported Class A thin film platinum resistors
- Fast heat conduction
- Easy and convenient installation
- Solid stainless steel column processing

## Specifications

measuring media	gas or liquids compatible stainless steel
thermal resistor	Platinum resistor
temperature ranges	-40~+200°C
insert depth	≥10mm(as customer's request)
change rate of resistance with temperature	0.003851Ω/°C
long-term stability	<0.15%FS/year
insulation resistance	100MΩ@100VDC
temperature limit	120%FS

## Dimensions



## Ordering code

UTC2			
code (X1~X2)	measuring range		
		-40~200°C	
	code	other function	
	E0	PVC cable	
	E1	hirschman connector	
	E2	aviation connector	
	Ez	customer special request	
		insert depth L(mm)	
UTC2	0~200°C	P1	50

\*: for armor type product, please indicate the requirement for L' when ordering.