

Description

UTC2 series temperature transducer is specially designed for such equipment as compressor, refrigerator, or air compressor etc. It is mainly used for real-time temperature collection.

UTC2 temperature transducer adopts 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, but also avoids thermal deformation to the platinum resistor, and furthermore improves the ability of the product to shock resistance.



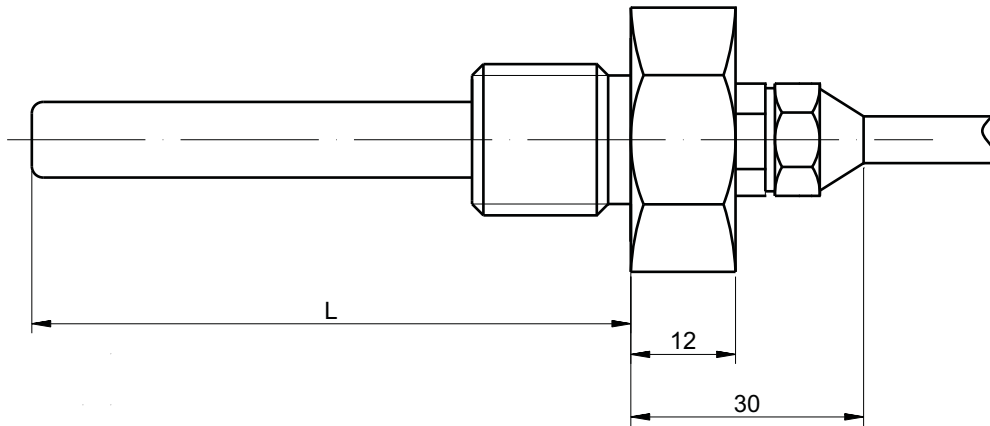
Features

- Adopting 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 range	-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	measuring range
		(X1~X2)	-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