



Product model: HTM228 protective temperature transmitter

Manufacturer: Nanjing Hangjia Electronic Technology Co., Ltd.

Product category: temperature transmitter

Application: field temperature measurement and control in petroleum, chemical, metallurgy, electric power, hydrology, and other industrial processes

Product Overview

HTM228 protective temperature transmitter uses PT100 as the signal measurement component, and the amplifier circuit is in the protective housing to convert the sensor signal into a standard signal. The entire product has undergone rigorous testing and aging of components, semi-finished products and finished products. With its excellent reliability, wide adaptability, product flexibility and diversity, this product is widely used in on-site temperature measurement and control of industrial processes such as petroleum, chemical industry, metallurgy, electric power, hydrology, etc.

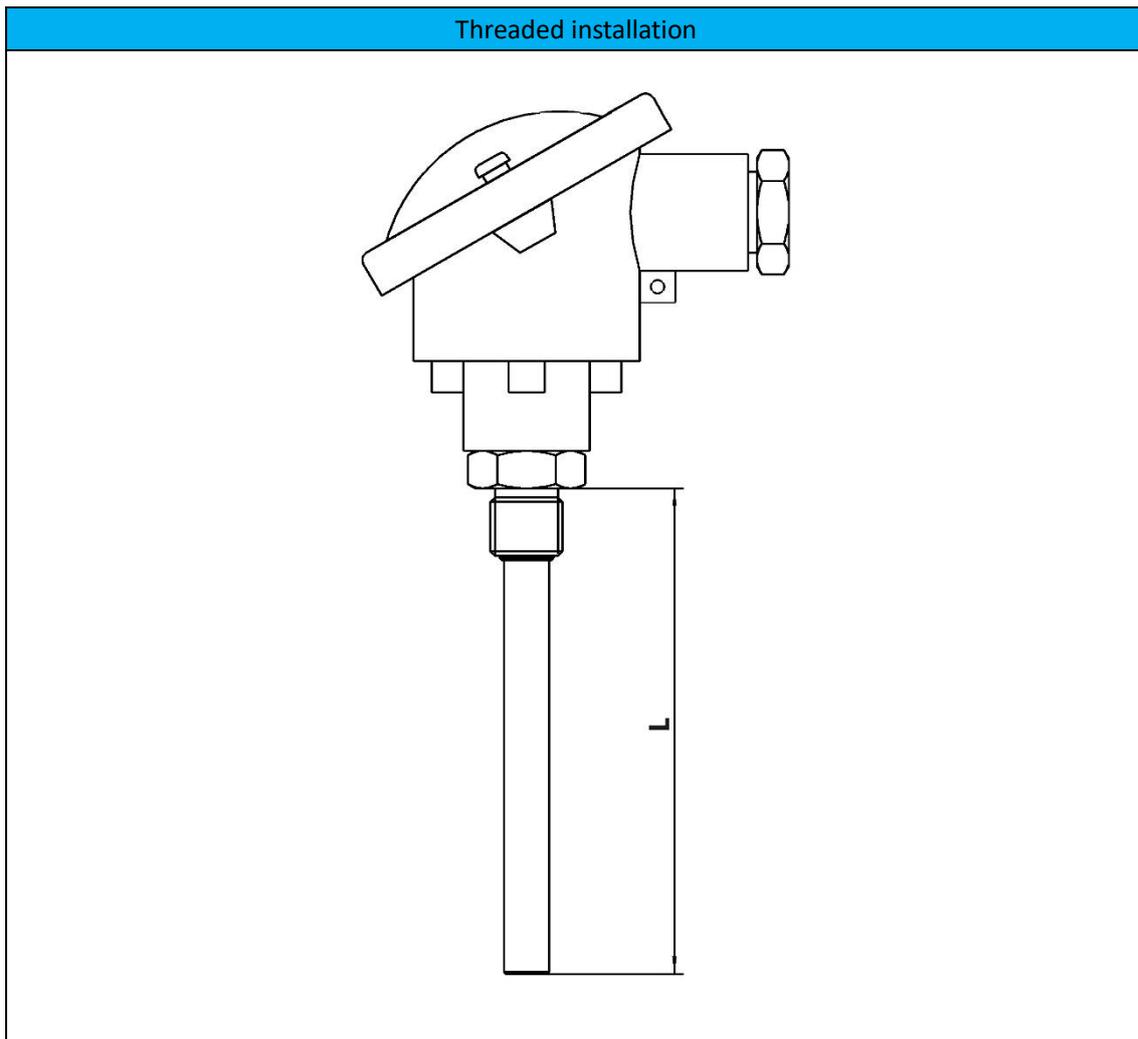
Features

- ◆ High cost performance
- ◆ Shell protection grade IP65
- ◆ The material in contact with the medium is stainless steel, which has good corrosion resistance.
- ◆ Suitable for temperature measurement of fluid media, long-term stable operation
- ◆ Impact resistance, vibration resistance, corrosion resistance

Technical Parameters

Measuring Temperature Range	-40~1500℃
Measuring Medium	various liquid, gas, or steam compatible with 304 or 316L stainless steel
Accuracy	±0.5%FS
Long-term Stability	±0.2%FS/year
Insertion Depth	customization
Installment Thread	customization
Operation Temperature	-30~70℃
Storage Temperature	-30~85℃
Supply Voltage	24VDC
Output Signal	2-wire 4~20mADC
Protection Grade	IP65
Electrical Connection	Cables

Structure Drawings (Unit: mm)



Electrical Connection

Terminal	2-wire 4~20mA output
+	Power supply+ (+V)
-	Power supply- (0V/+OUT)

Ordering Guide

Model	Type						
HTM228	Protective Temperature Transmitter						
	Range	Temperature Range					
	(0~X) °C	fill X directly					
		Code	Output signal				
		B1	(4~20)mA				
		B7	RS485				
		B8	HART				
		Code	Installation				
		1	No fixtures				
		2	Fixed thread				
		3	movable				
		4	fixed flange				
		5	Movable				
		6	Clamp				
		Code	Process Connection				
		P1	M20×1.5				
		P4	G1/2				
		P17	M27×2				
		P22	M16×1.5				
		F20	DN20				
		F50	DN50				
		Code	Electrical Connection				
		C2	Cables with cable gland				
		Code	Sensor type				
		P	PT100				
		K	K index thermocouple				
		S	S index thermocouple				
		Code	Others				
		l	l=insertion depth(mm)				
		L	L=Total length of protective tube(mm)				
		φ	φ=Protection tube diameter(mm)				
		F	Special anti-corrosion requirements				
HTM228	(0~100) °C	B1	2	P1	C2	P	L=150 φ=12

Certification Information

Factory certification	
Certification organization	CQM
Quality management system	ISO 9001:2015
Certification scope	Research, development and manufacture of pressure transmitter and temperature transmitter
Certificate No.	00223Q21711R1S