

GTT200



PRODUCT DESCRIPTION

Hirschmann joint integrated temperature transmitter is composed of thermal resistance and temperature transmitter module, with nonlinear correction circuit, can be directly measured in the process of industrial $-200\text{ }^{\circ}\text{C} \sim +350\text{ }^{\circ}\text{C}$ within the scope of the liquid, gas medium and all kinds of medium temperature, the temperature signal into with the temperature signal into a linear output of $4 \sim 20\text{ mA}$ current signal, sent to the back-end display, adjust the recording instrument or computer control.

This product is widely used in petroleum, chemical, metallurgical, power, light industry, textile, food and other industries, with digital display meter, recording meter, controller, computer, etc, of all kinds of temperature measurement and control systems.

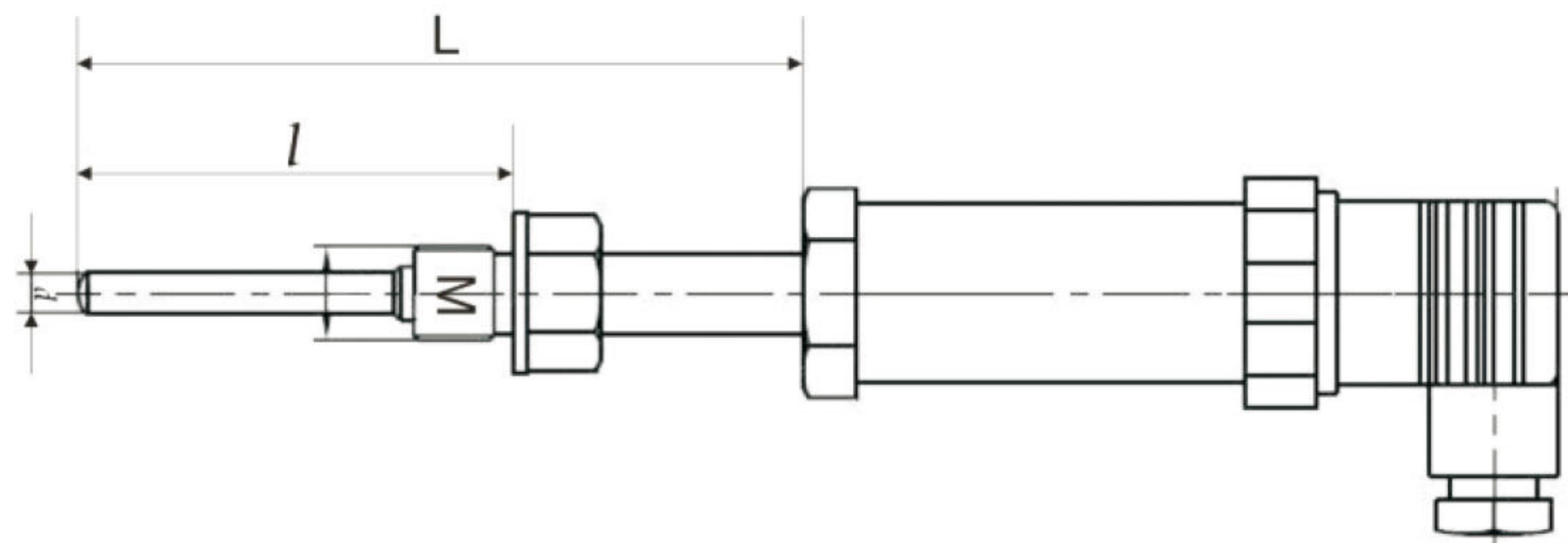
FEATURES

- High precision cold junction compensation circuit, the range of temperature compensation accuracy $\pm 1\text{ }^{\circ}\text{C}$
- The original nonlinear correction circuit, the output signal is linear with the measured temperature.
- The inner band drift self-calibration system ensures precision in the whole operating temperature range.

SPECIFICATIONS

Medium	liquid、 gas
Input	PT100、 PT1000
Range	$-200 \sim +350\text{ }^{\circ}\text{C}$
Accuracy	$\pm 0.5\%$
Temperature change effect	For 0.5 grade: $0.05\% \text{ F.S./}^{\circ}\text{C}$
Protection tube diameter	$\phi 5$ 、 $\phi 6$ 、 $\phi 8$ (mm)
Protection tube material	SUS304
Output	$4 \sim 20\text{ mA}$ (two-wire); $1\text{--}5\text{ V}$ (three-wire)
Display	Without display, With display
Installation	Fixed thread、 adjustable thread、 Fixed flange、 adjustable flange、 tri-clamp
Electrical Connection	Hersman joint
Power Supply	$12 \sim 36\text{ VDC}$, nominal voltage 24 VDC
Operating temperature range	$-25 \sim +85\text{ }^{\circ}\text{C}$
Storage Temperature	$-45 \sim +125\text{ }^{\circ}\text{C}$
Relative humidity	$5 \sim 95\%$, No condensation

DIMENSION



TYPE SELECTION

GTT200	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note
Sensor	A									PT100
	B									PT1000
Accuracy	1									±0.5%
Protection tube diameter (d)	5									φ5(mm)
	6									φ6(mm)
	8									φ8(mm)
Total Length (L)				***						Customized(mm)
Insert length (Contains the thread)				100						100(mm)
				***						Customized(mm)
Display					0					Without-display
					1					With-display
Connection						M				M20*1.5
						G				G 1/2
						N				1/2 NPT
						K				Tri-clamp
						X				Customized
Output							1			4-20mA(two-wire)
							2			1-5V(three-wire)
Temperature measurement range								***		℃

Eg: GTT200-A16/150*100/0M1/0~100℃

Note: Temperature transmitter GTT200, rtd PT100, accuracy ±0.5%, Protection tube diameter φ6mm, Total Length 150mm, Insert length 100mm, Without-display, M20*1.5 thread installation, output 4-20mA, Temperature measurement range 0~100℃.

Order Information:

when placing order, should clearly indicate: 1. The product name; 2. Model; 3. Index number; 4. Temperature measurement range; 5. Overall accuracy and protection of pipe material, external diameter, total length, insert depth (including threads); 6. Whether to display, 7. Connection mode.

If the product precision is not indicated in the user's order, the temperature transmitter will provide 0.5 class product by default.

Special regulations are ordered by the two parties