ANT340 Integrated Temperature Measurement

Description

ANT340 integrated temperature measurement can directly measure the surface temperature of various liquids, gas and solids in the range of - 200 ℃~ 500 ℃. A special temperature module is used to linearly correct the temperature sensing element and output standard analog signals. It is easy to use and has various output forms, which can meet the temperature measurement requirements of different sites in petroleum, chemical industry, metallurgy, power station, light industry and other fields.。

Feature

- Exquisite appearance and design
- Zero and Span can be adjusted on site
- Reverse polarity protection, overcurrent and overvoltage protection
- 抗Impact resistance, vibration resistance and corrosion resistance
- High cost performance

Material & Structure

- Housing：（Hirschmann）304 stainless steel
- Contact parts with medium: 304 stainless steel (default)
- Hirschmann connector: plastic

Specification

Range	-200℃...0℃~500℃
Power Supply	10V ~ 30VDC
	15V ~ 30VDC（With indicator）
Output Signal	4 ~ 20mA DC
	RS485
	4 ~ 20mA DC+RS485
Accuracy	±1.0%FS
Display	4 Digital LCD Display
Insulation Resistance	≥ 20MΩ，500VDC
Ambient Temperature	-20℃~ +70℃
Humidity	< 85%
Storage Temperature	-40℃~ 80℃
Load Resistance（Ω）	Current (2-wire)：≤ (power supply voltage -8V) /0.02A
	Voltage (3-wire): > max output signal / 1mA
Electrical Connection	DIN43650 plug socket or cable (1.5m)

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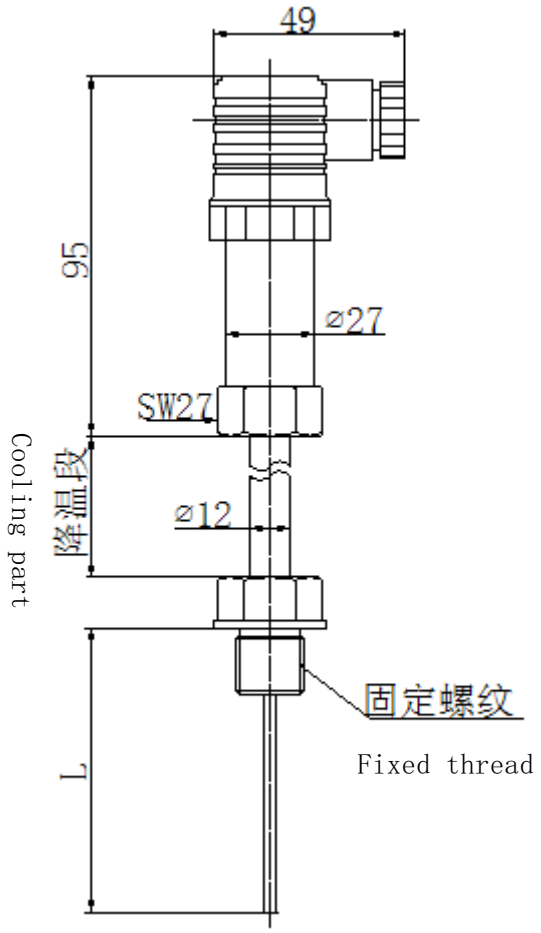
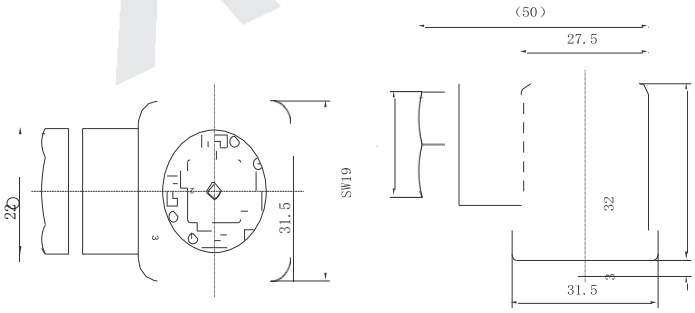
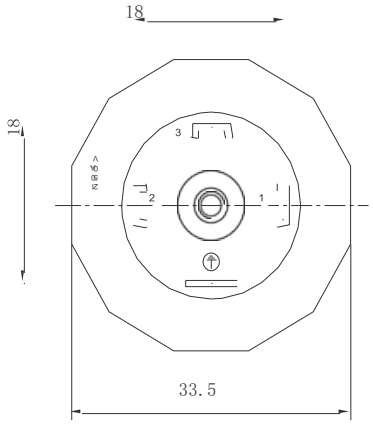
外形尺寸（单位：mm）

Size. Unit:mm



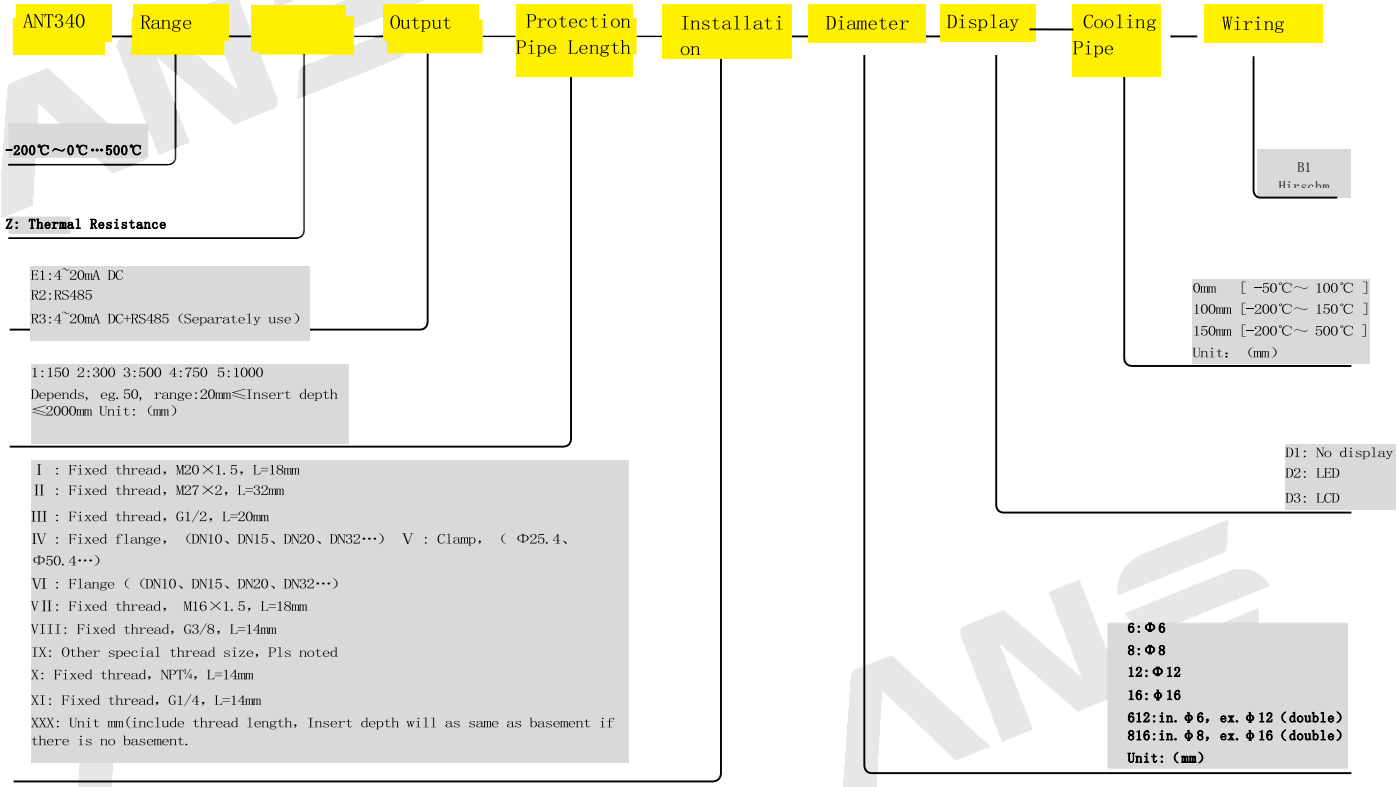




Electronic Connection

Function		B1 Hirschmann connector (4 core plug)
两线 (4 ~ 20mADC)	Power + (+V)	1
	Power - (0V/+OUT)	2

Selection Guide



1. Material is stainless steel 304, if there is nothing special to claim.
2. Could be customized according your requirement.