

XYT110 series universal temperature transmitter

●Product Overview

The XYT110 series temperature transmitter adopts a high-resolution and high-precision temperature sensor probe as the measuring element, and the amplification circuit is located inside the stainless steel shell to convert the temperature into a standard signal output.

This product is widely used for temperature measurement in industrial sites such as petroleum, chemical, metallurgical, power, and hydrological industries due to its excellent reliability, flexibility, and diversity.



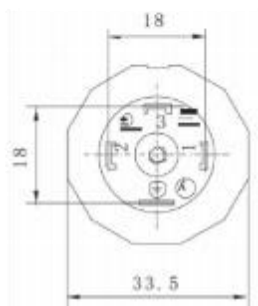
●Product Features

- Temperature measurement resolution 0.1 °C
- 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
- Resistance to impact, vibration, and corrosion

●Exterior structure: (Unit:mm)



●Electrical connection



Electrical Definition	Pin	Cable line
Power supply positive () +V)	1	black
Output (+OUT)	2	red

●Technical Parameter

Measuring range	-50℃~200℃
Power supply	10V~28V DC
Output signal	4mA~20mA DC (Two wire system)
Protection level	IP65
Accuracy	$\leq \pm 0.5\%FS$
Ambient temperature	-20℃~80℃
Interface material	stainless steel
Install thread	M20*1.5 (Optional)