

WRDX SERIES

EXPLOSION-PROOF TEMPERATURE TRANSMITTER

FEATURES

- ◎ Vibration-resistant
- ◎ Suitable for harsh environments
- ◎ Integrated design for durability
- ◎ Ensures long-term stability
- ◎ Fast response time
- ◎ Easy installation



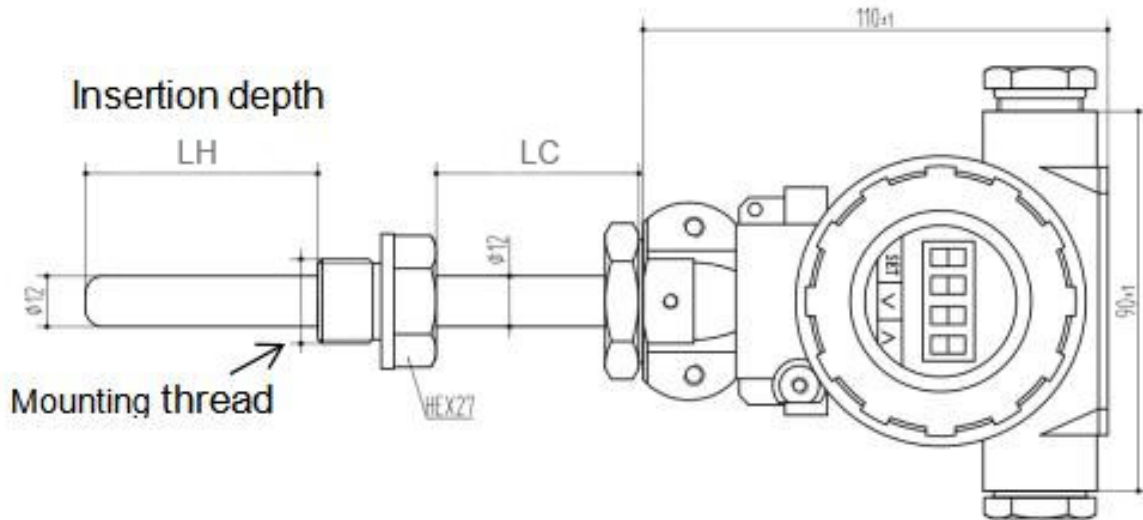
INTRODUCTION

The WRDX Series Explosion-Proof Temperature Transmitter uses high-precision thermocouples and thermal resistors for accurate temperature detection, combined with a stable circuit for signal processing. It provides continuous temperature measurement, outputs standard industrial control signals, and supports features like display and remote transmission. The sensor is made of stainless steel, and the explosion-proof housing ensures durability. With strong shock resistance, fast thermal response, and a specialized shielded cable for a wide temperature range, this transmitter is easy to install and ideal for use in various automatic temperature control systems.

SPECIFICATIONS

Temperature range	-200~500°C Optional within ranges
Temperature type	Thermocouple type J, K, E, T, B, S, R, PT100, PT1000 etc
Accuracy	0.2%FS
Thread size	M8X1.25, M10X1.5, G1/2,others on request
Diameter(D)	8,10 12,16mm, others on request
Length above thread (LC)	0~200mm, customized
Length under thread (LH)	50~2000mm, customized
Installation type	Thread fixed or unfixed, flange fixed or unfixed
Power supply	10~30VDC
Output signal	4~20mA(+HART), 0~10V, 0~5V,RS485

DIMENSION



ORDER FORMAT

WRDX - PT100 - 025 - M20 - D12 - 30/100 - MA - D1

Temperature type	Code
Thermocouple J	J
Thermocouple K	K
RTD PT100	PT100
...	...

Range	Code
0~100°C	010
0~250°C	025
-50~100°C	110
-100~250°C	225
-200~500°C	350
Others on request	

Thread size	Code
G1/2	G1/2
M20X1.5	M20
Others on request	

Diameter	Code
Φ8mm	D8
Φ10mm	D10
Φ12mm	D12
Φ16mm	D16
Others on request	

Code	Display
J1	Housing without display
D1	Housing with display

Code	Output signal
MA	4~20mA
10V	0~10V
5V	0~5V
R4	RS485

Code	Length under thread
100	100mm
200	200mm
300	300mm
Others on request	

Code	Length above thread
30	30mm
50	50mm
70	70mm
100	100mm
Others on request	