

WRNK SERIES

ARMORED TEMPERATURE SENSOR

FEATURES

- ⊙ Wide Temperature Range -200°C to 1800°C
- ⊙ Durable Armored Design
- ⊙ Vibration & Shock Resistance
- ⊙ Versatile Measurement Medium
- ⊙ High Accuracy and Reliability
- ⊙ Corrosion Resistance
- ⊙ Easy Installation and Integration



INTRODUCTION

The WRNK Series Armored Temperature Sensor is a high-performance solution designed for precise temperature measurement in harsh industrial environments. Engineered for applications involving liquids, gases, and steam, these sensors deliver exceptional accuracy and reliability over a wide temperature range from -200°C to 1800°C .

The WRNK Series Armored Temperature Sensor is your go-to solution for high-reliability temperature measurement in the most demanding conditions. With its rugged design, wide temperature range, and exceptional resistance to vibration and shock, it ensures uninterrupted performance in critical temperature measurement applications.

APPLICATIONS

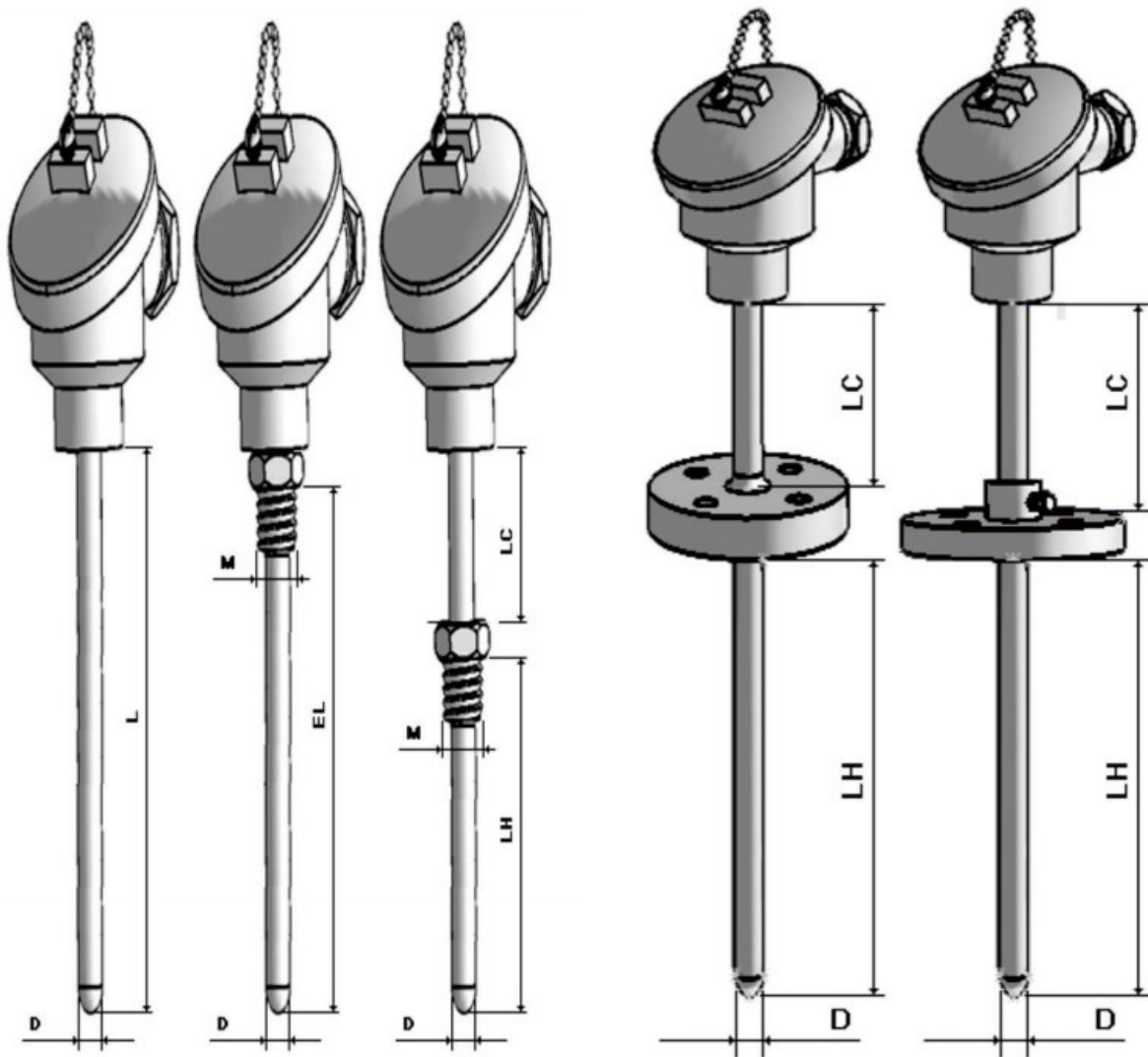
Chemical Processing
Power Generation
Oil & Gas Industry
Steam Boilers and Heat Exchangers
HVAC Systems
Automotive & Heavy Machinery
Industrial Automation

SPECIFICATIONS

Temperature range	Pt100: $-200\sim 850^{\circ}\text{C}$ Optional within ranges Thermocouple: $-200\sim 1800^{\circ}\text{C}$ Optional within ranges
Temperature type	Thermocouple type J, K, E, T, B, S, R, PT100, PT1000 etc
Accuracy	RTD: A, B, C, 1/3B Thermocouple: Class 1, Class 2

Thread size	M8X1.25, M10X1.5, G1/2,others on request
Diameter(D)	2,3,4,5,6,8,10 to 20mm, 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
Grounding	non-grounded type(insulated type), isolated type
Output signal	4~20mA, 0~10V, 0~5V

DRAWING



ORDER FORMAT

WRNK - **PT100** - **125** - **M20** - **D6** - **30/200** - **MA**

Temperature type	Code
RTD PT100	PT100
RTD PT1000	PT1000
Thermocouple J	J
Thermocouple K	K

Range	Code
0~250°C	025
-50~100°C	110
-50~250°C	125
-100~400°C	240
-200~400°C	340
Others on request	

Installation	Code
G1/2	G1/2
M20X1.5	M20
M16X1.5	M16
M27X2	M27
Flange	FN
Others on request	

Code	Output signal
Null	No output
MA	4~20mA
10V	0~10V
5V	0~5V

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

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

Diameter	Code
Φ2mm	D2
Φ4mm	D4
Φ6mm	D6
Φ8mm	D8
Others on request	