

WRNT-100 SERIES

THERMOCOUPLE

FEATURES

- ◎ Various temperature ranges
- ◎ Fast Response & accurate measurement
- ◎ Various electrical connection types



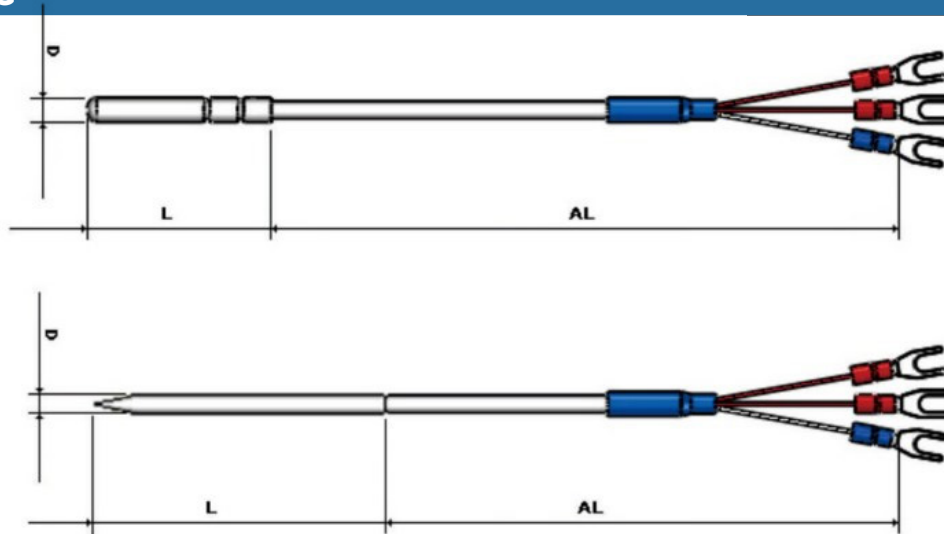
INTRODUCTION

The WRNT-100 Series offers a comprehensive range of high-performance temperature sensors, including both thermocouples and RTDs, designed for a wide array of industrial applications. These sensors are engineered for precise temperature measurement, reliable operation, and ease of use in environments such as plastic extrusion machines, packing machines, textile machines, food processing machines, and more. With a temperature range of -200° C to 1820° C, the WRNT-100 Series is ideal for monitoring and controlling processes across various industries.

SPECIFICATIONS

Parameters	0~400°C
Temperature type	Thermocouple: S/R/B/K/E/J/N/T RTD: PT100 PT1000 PT200 PT500.....
Accuracy	RTD: A, B, C, 1/3B Thermocouple: Class 1, Class 2
Diameter(D)	2,3,4,5,6,8,10 to 20mm, others on request
Measuring tip length(EL)	10~2000mm, others on request
Cable length(AL)	0.5m, 1m, 2m, 3m, 5m...others on request
Temperature range	Thermocouple: -200~1800°C RTD: -200~850°C
Grounding	Non-grounded type(insulated type), isolated type
Terminal type	U-type, pin terminal, aviation plug, others on request

DRAWING



ORDER FORMAT

WRNT100-S-PT100-A-4*30-2-N-1

Quantity	Code
Single	S
Double	D

Temperature type	Code
PT100	PT100
PT1000	PT1000
Type J	J
Type K	K
Type E	E
Others on request	

Accuracy	Code
Class A	A
Class B	B
Class C	C
Class 1/3B	1/3B

Diameter(D)	Code
2mm	2
3mm	3
4mm	4
...	...
20mm	20

Terminal type	Code
Cable ends	1
U-type	2
Pin terminal	3
aviation plug	4

Shield	Code
Shield	S
No shield	N

Cable length(AL)	Code
0.5m	0.5
1m	1
2m	2
...	...

Probe length(L)	Code
10mm	10
20mm	20
30mm	30
...	...
2000mm	2000

Example:

WRNT100-S-PT100-A-4*30-2-N-1

WRNT100 series single Pt100 RTD, accuracy class A, probe diameter 4mm, probe length 30mm, cable 2m, no shield, cable ends the WRNT-100 Series is ideal for monitoring and controlling processes across various industries.