

WRNT202 SERIES

TEMPERATURE SENSOR

FEATURES

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



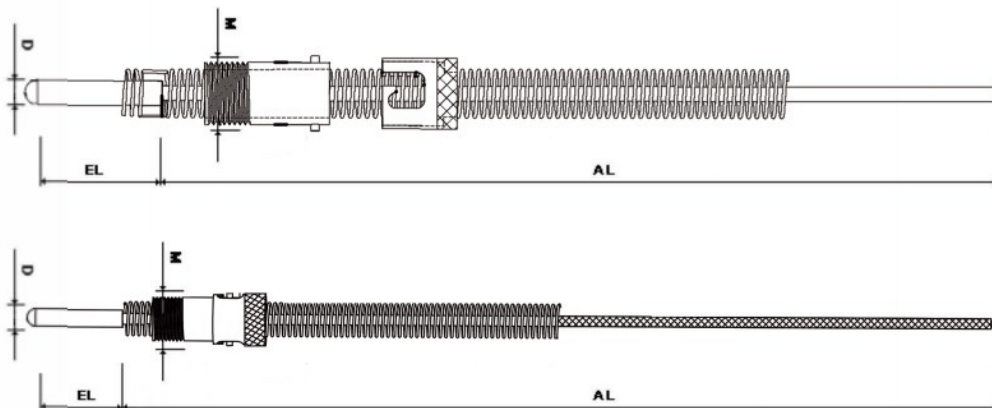
INTRODUCTION

The WRNT 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 -80° C to 400° C, the WRNT Series is ideal for monitoring and controlling processes across various industries.

SPECIFICATIONS

Parameters	Specifications
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
Temperature range	Thermocouple: -200~1800°C RTD: -200~850°C
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
Measuring tip length(EL)	10~2000mm, others on request
Cable length(AL)	0.5m, 1m, 2m, 3m, 5m...others on request
Grounding	non-grounded type(insulated type), isolated type
Adaptor material	Cooper
Terminal type	U-type, pin terminal, aviation plug, others on request

DRAWING



ORDER FORMAT

WRNT202 - J - 1 - M8 - 4*30 - 2 - N - 2

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

Accuracy	Code
Class A	A
Class B	B
Class C	C
Class 1	1
Class 2	2

Thread size	Code
M8X1.25	M8
M10X1.5	M10
G1/2	G1/2
Others on request	

Diameter	Code
2mm	2
3mm	3
4mm	4
...	...
20mm	20

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

Code	Shield
S	Shield
N	No shield

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

Code	Probe length (EL)
10	10mm
20	20mm
30	30mm
...	...

Example:

WRNT202-J-1-M8-4*30-2-N-2

WRNT202 series type J thermocouple, accuracy class 1, M8x1.25 thread, probe diameter 4mm, probe length 30mm, cable 2m, no shield, U-type terminal ends