

TYPE 100H

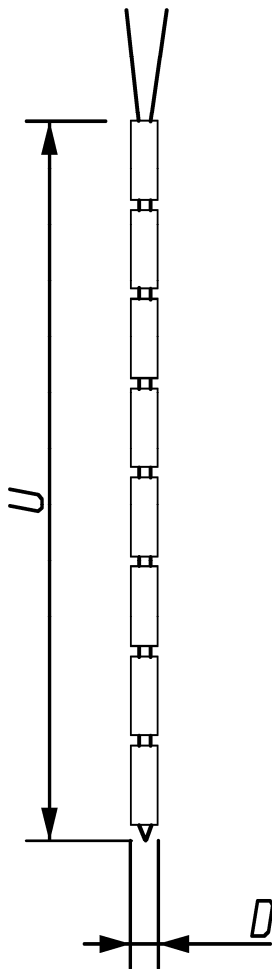
Type 100H is a special replacing part for a high temperature thermocouple sensors.

Type 100H is very popular for high temperature application with a K type thermocouple.

It's construction enable the sensor to go up to 1800°C with certain thermocouples (R, S, B ect.)

Type 100H is available in a variety of features and options to meet users' specific requirements, including:

- Thermocouple Type
- Ceramic insulator diameter
- Sheath Material
- Overall length
- Wire diameter
- Sensor Accuracy



TT100H

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HOW TO ORDER

TABLE NO

1

2

3

4

5

6

7

EXAMPLE

ORDER NO 100

K

2

3

018

U

100

S

Example Order No. = Type 100 T/C-K ; 1/8" sheath diameter ; Inconel 600 sheath material ; 18" long ; ungrounded measuring junction ; 100 mm cable length; standard calibration.

Table 1. Sensor Type

Single	Duplex
K	KK
R	RR
S	SS
B	BB
C	CC
Other	

Table 2. Ceramic Diameter "D"

Order	Diameter
1	1/16"
2	1/8"
3	3/16"
4	1/4"
6	3/8"
7	Other

Table 3. Sheath Material

Order	Description
3	Inconel 600
4	310 ST.ST.
8	316 ST.ST.
9	304 ST.ST.

Table 4. Dimension "U"

Insert "U" in inches. (3 digit)

Table 5A. Measuring Junction (for T/C only)

Order	Description
G	Grounded
U	Ungrounded
E	Exposed

Table 5B. Wiring System (for RTD'S only)

Order	Description
2	2-wire system
3	3-wire system
4	4-wire system

Table 6. Cable Length

Insert Length in mm.

Table 7. Sensor Accuracy

Order	Description
S	Standard
SC	Special Calibration