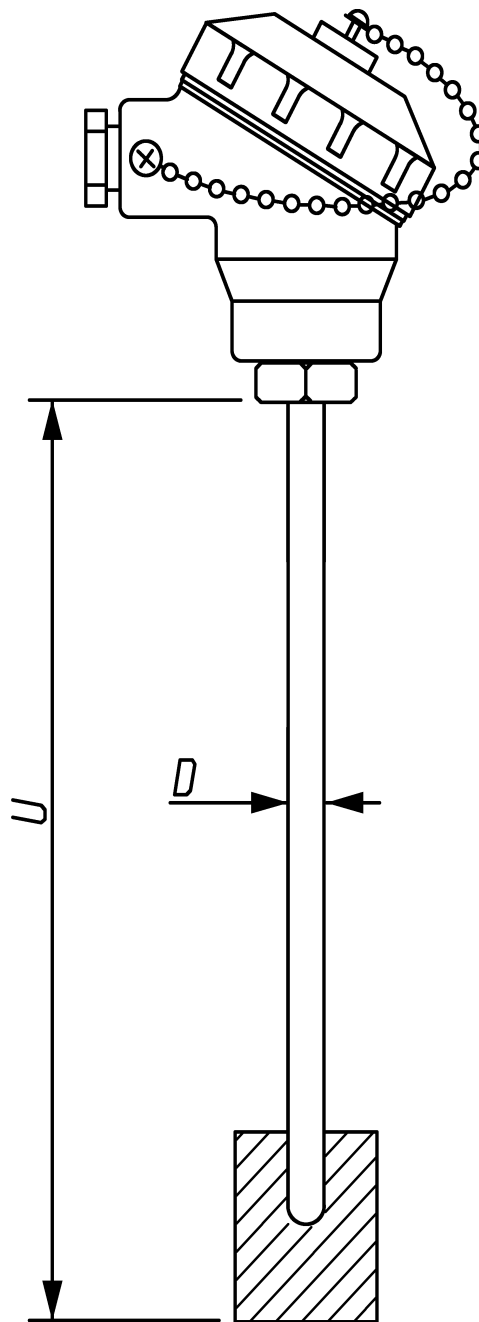


TYPE 103P



Type 103P is a classic sensor with a welded pad and a protective connection head, designed for large diameter pipe or vessel installations.

This sensor is commonly used in chemical, petrochemical, oil refineries and electrical power plant applications.

The welded pad is mounted to the pipe or vessel to insure the temperature sensitive tip remains in contact.

Type 103P is available in a variety of features and options to meet users' specific requirements, including:

- Sensor Type
- Sheath Diameter
- Sheath Material
- Length
- Process Connection
- Connection Head
- Sensor Accuracy

TT103P

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ISRAEL

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HOW TO ORDER

TABLE NO

1

2

3

4

5

6

7

8

EXAMPLE
ORDER NO
103P

K

2

3

150

U

M

15
A

S

Example Order No. = Type 103P T/C-K ; 1/8" sheath diameter ; Inconel 600 sheath material ; 150mm long ; ungrounded measuring junction ; 1/2 N.P.T process connection ; cast aluminum head ; standard calibration.

Table 1. Sensor Type

Single	Duplex
K	KK
J	JJ
T	TT
E	EE
N	NN
P (For RTD)	PP

Table 2. Sheath 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 MM.
(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. Process Connection

Order	Description
M	1/2" N.P.T
R	1/2" B.S.P
Q	3/4" N.P.T
V	3/4" B.S.P
O	Other

Table 7. Connection Head

Order	Description
15A	Cast aluminum epoxy coated screwed cover
16B	Aluminum type "B"
17M	Cast aluminum mini size
18P	Reinforced Polypropilene
19E	EX-proof Cast aluminum epoxy coated
20I	Cast iron epoxy coated screwed cover
21GN	Nylon + Glass Fiber
22GP	Glass Reinforced Polyamide
23PH	Phenyl Polyoxide

Table 8. Sensor Accuracy

Order	Description
S	Standard
SC	Special Calibration