

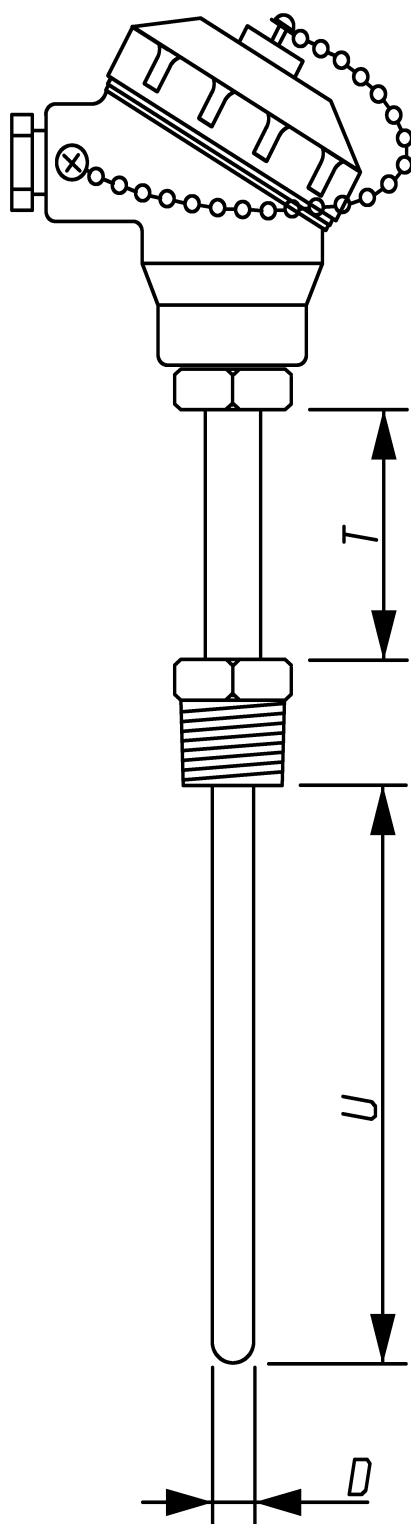
TYPE 103E

Type 103E is a heavy-duty sensor with a lagging extension and protective connection head.

Type 103E is ideal in chemical and petrochemical industries.

Type 103E 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
- Extension Length



TT103E

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HOW TO ORDER

TABLE NO	1	2	3	4	5	6	7	8	9
EXAMPLE ORDER NO 103E	K	2	3	100	U	M	15A	S	02

Example Order No. = Type 103E T/C-K ; 1/8" sheath diameter ; Inconel 600 sheath material ; 100mm long ; ungrounded measuring junction ; 1/2 N.P.T process connection ; cast aluminum head ; standard calibration ; 2" extension.

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

Table 9. Extension Lenght
Indicate "T" in inches

Date: 05/2014