

American society for testing and materials, standard test methods for testing industrial resistance thermometers.

- NEMA - ANSI / NEMA 250
Standardization association for the electrical industry.
- IEC 60751
Industrial platinum resistance thermometer
- ASME PTC 19.3 - 1974
Performance test codes
- BPE:
Bioprocessing Equipment, ASME - BPE - 2005 Standard

3-A	A sanitary standard for Sensors, Connections and Sensor Fittings used in Milk and Milk Products Equipment, Number 74-03.
UL	Temperature transmitters are recognized components to UL 3111-1 (iTEMP® Series).
CSA GP	The installed and assembled transmitters (iTEMP® Series) are CSA GP approved.

Ordering information

Product structure, Hygienic RTD Assembly TH27

This information provides an overview of the order options available. The information is not exhaustive, however, and may not be fully up to date. More detailed information is available from your local Endress+Hauser representative.

TH27-	RTD Assembly TH27, Hygienic TW, US style		
	Process connection:		
	B	1+1½" Tri-clamp; 316L, 3-A	
	C	2" Tri-clamp; 316L, 3-A	
	D	2½" Tri-clamp; 316L, 3-A	
	E	3" Tri-clamp; 316L, 3-A	
	Y	Special version, TSP-no. to be specified	
	Thermowell immersion length U:		
	A	3"	
	B	4"	
	C	5"	
	D	6"	
	1	2½"	
	2	4½"	
	3	7½"	
	4	10½"	
	8 " (increment 0.5)	
	9	Special version, TSP-no. to be specified	
	Thermowell shape; Material:		
	1	½" straight; 316L	
	2	½" reduced 5/16"; 316L	
	9	Special version, TSP-no. to be specified	
	Thermowell Lag (T):		
	A	Not selected	
	E	3"	
	X * " (increment 0.25)	
	Y	Special version, TSP-no. to be specified	
	Extension (E):		
	1	Hex nipple SS316, E=1"	
	2	Nipple+Union+Nipple SS316, E=3"+1"	
	6	Nipple+Union+Nipple SS316, E=6"+1"	
	9	Special version, TSP-no. to be specified	

**Product structure, thermowell
TU67**

TU67-	Thermowell TU67, sanitary U. S. style
Instrument connection:	
B	½" NPT
9	Special version, TSP-no. to be specified
Cap:	
1	1"
2	1½"
3	2"
4	2½"
5	3"
9	Special version, TSP-no. to be specified
Cap type, material:	
A	Tri-clamp, 316L, 3-A
Y	Special version, TSP-no. to be specified
Thermowell immersion length U:	
A	3"
B	4"
C	5"
D	6"
1	2½"
2	4½"
3	7½"
4	10½"
8" (increment 0.25)
Y	Special version, TSP-no. to be specified
Thermowell shape; material:	
1	½" straight; 316L
2	½" reduced 5/16"; 316L
9	Special version, TSP-no. to be specified
Thermowell Lag (T):	
E	3"
1	not selected
8" (increment 0.25)
9	Special version, TSP-no. to be specified
Bore diameter B:	
1	0.260"
9	Special version, TSP-no. to be specified
Accessory:	
A	not selected
B	Cap, SS304
C	Cap + chain, SS304
Y	Special version, TSP-no. to be specified
Additional test:	
1	not selected
9	Special version, TSP-no. to be specified
Certificate:	
A	not selected
B	3.1 material certificate
Y	Special version, TSP-no. to be specified
Documentation requirement:	
A	not selected
C	Oxygen service
Y	Special version, TSP-no. to be specified
Version:	
K	Standard
M	Pharma surface 15RA
Y	Special version, TSP-no. to be specified
TU67-	← Order code (complete)

Documentation

- Compact instructions TH27 RTD temperature assembly for food, dairy & pharmaceutical applications (KA263r/24/ae)

Technical information:

- Replacement insert RTD TH15 (TI110R/24/ae)
- Field transmitter iTEMP® TMT162 (TI086r/24/ae)
- Temperature head transmitter iTEMP® Pt TMT180 (TI088r/24/ae)
- Temperature head transmitter iTEMP® PCP TMT181 (TI070r/24/ae)
- Temperature head transmitter iTEMP® HART® TMT182 (TI078r/24/ae)
- Temperature head transmitter iTEMP® PA® TMT84 (TI138r/24/ae)
- Temperature head transmitter iTEMP® TMT85 FF (TI134r/24/ae)

Application example:

- Technical information Safety Data Manager Memograph M (TI113r/09/en)
- Technical information Field indicator RIA16 (TI00144R/09/en)

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