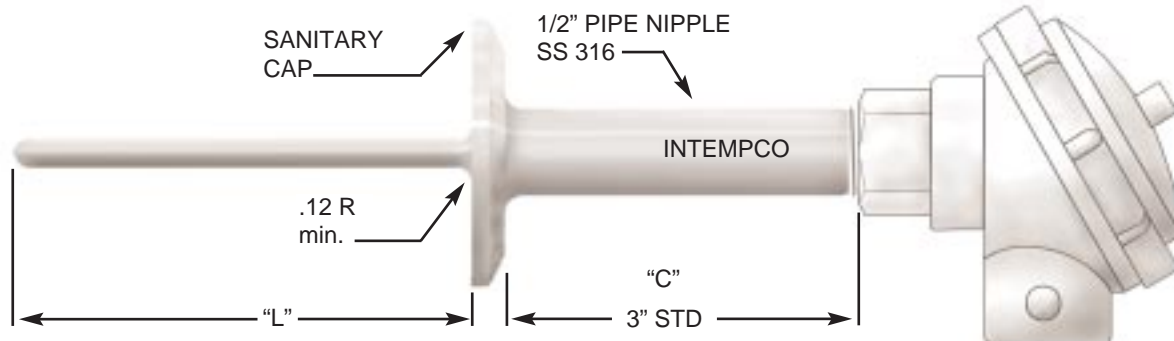




These assemblies are an excellent choice for easy installation into a "tee", "cross", or directly into a sanitary tube. All popular connection cap sanitary styles are available. Connection head options include stainless steel, bakelite, teflon and others. See transmitter section for your transmitter needs.

**RDT PROBES**

INTEMPCO MODEL NO.	ELEMENT TYPE TOL	CIRCUIT TYPE	PROBE DIA & MAT'L	EXTENSION LENGTH "C"	CAP STYLE (SIZE)	CONNECTION HEAD	FINISH	PROBE LENGTH "L"
R <u>L</u> 80	- P <u>1</u>	- S <u>3</u>	- 250 <u>S</u>	- N <u>3</u> S	- T (<u>2</u>)	- P <u>03</u>	- S	-
				IN INCHES	IN INCHES			IN INCHES

L
Low Temp. -50 to 200°C
M
Med. Temp. -200 to 400°C
H
High Temp. -200 to 600°C
T
Transmitter Order separately. See transmitter section.

P1
Pt 100 ± 0.12° at 0°C Din & IEC Class B, α=0.00385

CODE	PROBE DIA
250S	1/4"
375S	3/8"
500S	1/2"

Other diameter and mat'l
available. Consult
IntempcO.
Mat'l:SS316 std.

CODE	CIRCUIT
S2	Single-2 wire
S3	Single-3 wire
S4	Single-4 wire
D2	Dual-2 wire
D3	Dual-3 wire

See end of **RTD**
section for details.

CODE	SANITARY CAP STYLE
T	Tri-Clamp (16AMP)
A	Cherry-Burrel (16A1-141), male std.
B	Cherry-Burrel (16A1-141), female
C	Bevelled Seat (16A) with 13H nut
D	Bevelled Seat (16A) without nut
E	Bevelled Seat (16A) female
F	John Perry (JP16A) with 13H nut
G	John Perry (JP16A) without nut
H	Adaptor 3A4 (1/2" O.D. Support Tube)
X	Other, Describe

CODE	CASE FINISH
S	Standard
P	Pharmaceutical

CODE	CONNECTION HEAD
PO3	Polypropylene
SS2	Stainless Steel 316
BA2	Bakelite
TF2	Teflon

Note: **2** = 1/2 NPT Conduit
3 = 3/4 NPT Conduit
Other heads available see
accessories section.

THERMOCOUPLE PROBES

INTEMPCO MODEL NO.	T/C TYPE	JUNCTION TYPE	PROBE DIA & MAT'L	EXTENSION LENGTH "C"	CAP STYLE (SIZE)	CONNECTION HEAD	FINISH	PROBE LENGTH "L"
TH <u>80</u>	-	-	- 250 <u>S</u>	- N <u>3</u> S	- T (<u>2</u>)	- P <u>03</u>	- S	-

Same Ordering Details as RTD probe.

TL
Low temp. Max. 200°C
TH
High temp. Max. 1260 °C
TT
See transmitter section. Order separately.

ANSI TYPE
K
J
T
E

1G
Grounded Single
2G
Grounded Duplex
1U
Ungrounded Single
2U
Ungrounded Duplex

Specifications

Temperature range: -200 to 600°C (-328 to 1112°F)

External leadwires: -100 to 200°C (-148 to 400°F).

Material: 316 stainless steel.

Finish: Standard: #4 finish per 3-A standard 09-08, 32 microinches max.

Pharmaceutical (optional): Polished to mirror finish and passivated. 10 microinches typical.

Pressure rating: 500 psi (34.5 bar).

Leadwires: AWG 22, Teflon insulation, 4" long

Self-heating: 50 mW/°C typical in moving water.

Insulation resistance: Single element probes: 100 megohms min. at 500VDC, leads to case.

Dual element probes: 100 megohms min. at 100VDC, between element and leads to case.