

SANITARY CONNECTION WITH LEADWIRE

How to build a part number:

To order an Applied Sensor Technologies temperature sensor, select the requirements for the categories listed below and fill in the corresponding boxes with your selection. Don't see exactly what you need? Give us a call!

SENSOR TYPE	ASSEMBLY STYLE	CAP SIZE	CAP STYLE	SHEATH DIAMETER	SHEATH MATERIAL	TEMPERATURE RANGE	SHEATH LENGTH	LEADWIRE LENGTH	OPTIONS

SENSOR TYPE (See page 2-9b for optional elements)

RTP1 – Platinum; DIN 0.00385; 100 ohm +/- 0.12% @ 0°C; 3-wire construction

ASSEMBLY STYLE

58 – Sheath with leadwire; sanitary process connection; Teflon® insulated conductors; Teflon® jacketed cable

CAP SIZE (in inches)

- A** – 0.50* **E** – 2.00
- B** – 0.75* **F** – 2.50
- C** – 1.00 **G** – 3.00
- D** – 1.50 **H** – 4.00

*Available in Cap Style C only.

CAP STYLE

- A** – 16 A Tri Clamp® cap
- C** – 16AMP Tri Clamp® cap

SHEATH DIAMETER (in inches)

- 6** – 3/16 (0.188)
- 7** – 1/4 (0.250)

SHEATH MATERIAL

- 3** – 316 stainless steel

TEMPERATURE RANGE - Minimum and maximum operating temperatures

- 1** – -45 to 200°C (-50 to 400°F)

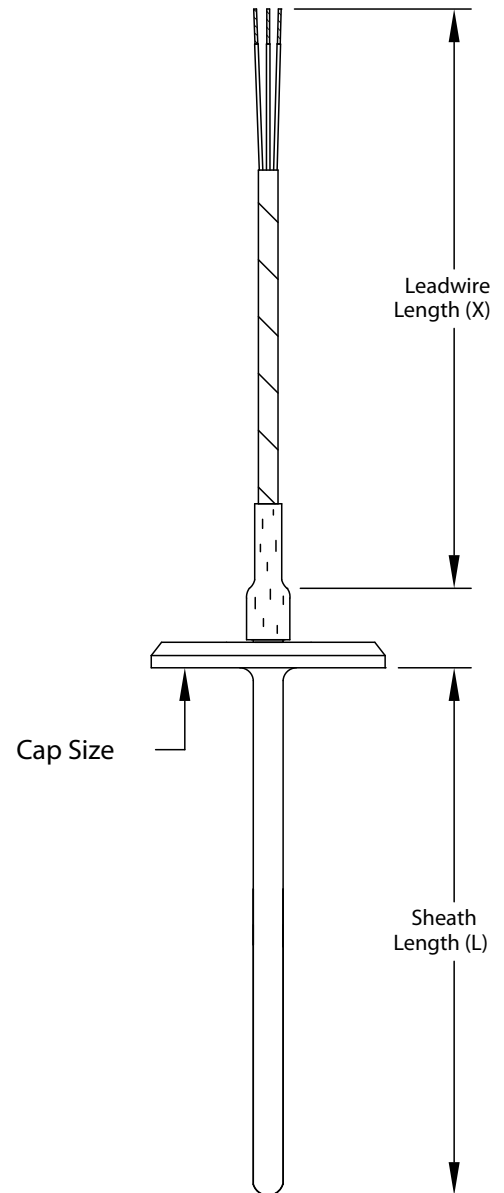
SHEATH LENGTH (for lengths greater than L=36", consult AST)

- L#** – (e.g., L6 = 6 inch sheath)

LEADWIRE LENGTH

- X#** – (e.g., X72 = 72 inch length)

OPTIONS – see page 2-9b



Teflon® is a registered trademark of DuPont
Tri Clamp® is a registered trademark of Alfa-Laval, Inc.

STYLE 58

AVAILABLE OPTIONS and MODIFICATIONS

ASSEMBLY OPTIONS		
Option Code	Description	
TAG1	Stainless steel tag and wire	
CAL1	NIST traceable calibration [specify points]	
CRT1	Certificate of conformance	
OPTIONAL ELEMENTS		
RTDs are standardly platinum, 100-ohm, DIN-curve elements with a 0.00385 alpha.		
Option Code	Accuracy (at 0°C)	Construction
RTP1 (std.)	±0.12%	3-wire
RTP1A	±0.06%	3-wire
RTP1AA	±0.01%	3-wire
Note: additional materials, curves and resistance values are available - see Capabilities brochure.		

WIRING CONNECTION OPTIONS	
Option Code	Description
WC76	#6 spade terminals, plated copper
WC70	#10 spade terminals, plated copper
WC84	1/4" push-on insulated terminals, plated copper
WC90	#10 ring terminal
WC98	#8 ring terminal