SHEATH WITH MALE PLUG

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	SHEATH DIAMETER	SHEATH MATERIAL	TEMPERATURE RANGE	SHEATH LENGTH	OPTIONS

SENSOR TYPE (See page 2-12b for optional elements)
RTP1 – Platinum; DIN 0.00385; 100 ohm +/− 0.12% @ 0°C; 3-wire construction

ASSEMBLY STYLE
14 – **Sheath with standard male plug**; hollow pins; maximum termination temperature 177°C (350°F)

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
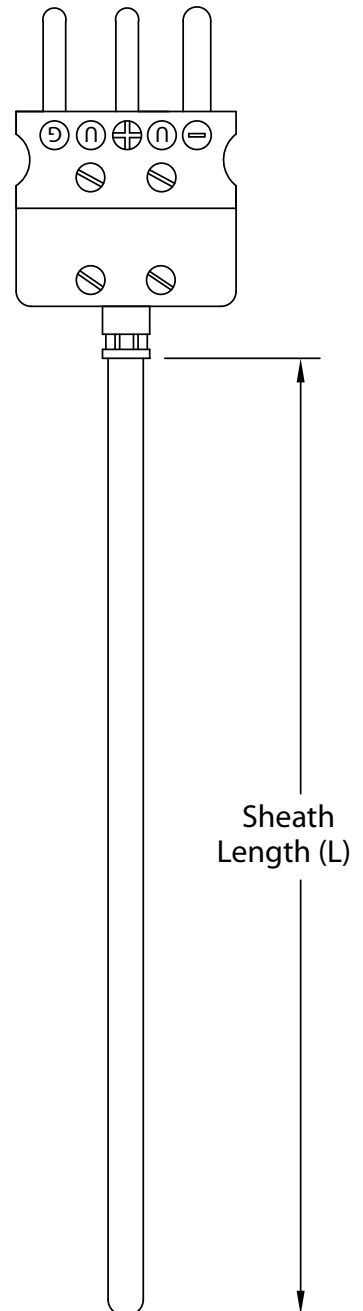**1** – -45 to 260°C (-50 to 500°F)
2 – -45 to 482°C (-50 to 900°F)

SHEATH LENGTH (for lengths greater than L=36″, consult AST)
L# – (e.g., L6 = 6 inch sheath)

OPTIONS – see page 2-12b

Sheath
Length (L)

AVAILABLE OPTIONS and MODIFICATIONS

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.

ASSEMBLY OPTIONS

Option Code	Description
TAG1	Stainless steel tag and wire
CAL1	NIST traceable calibration [specify point(s)]
CRT1	Certificate of conformance
PJ20	Standard jack included

COMPRESSION FITTINGS

Option Code	NPT	Material	Ferrule
CF10	1/8"	Stainless steel	Stainless steel
CF11	1/8"	Stainless steel	Teflon®
CF12	1/8"	Brass	Brass
CF20	1/4"	Stainless steel	Stainless steel
CF21	1/4"	Stainless steel	Teflon®
CF22	1/4"	Brass	Brass
CF30	1/2"	Stainless steel	Stainless steel
CF31	1/2"	Stainless steel	Teflon®
CF32	1/2"	Brass	Brass

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Note: Many non-standard options, including additional sheath diameters and materials, may also be available – consult AST for specific requirements.