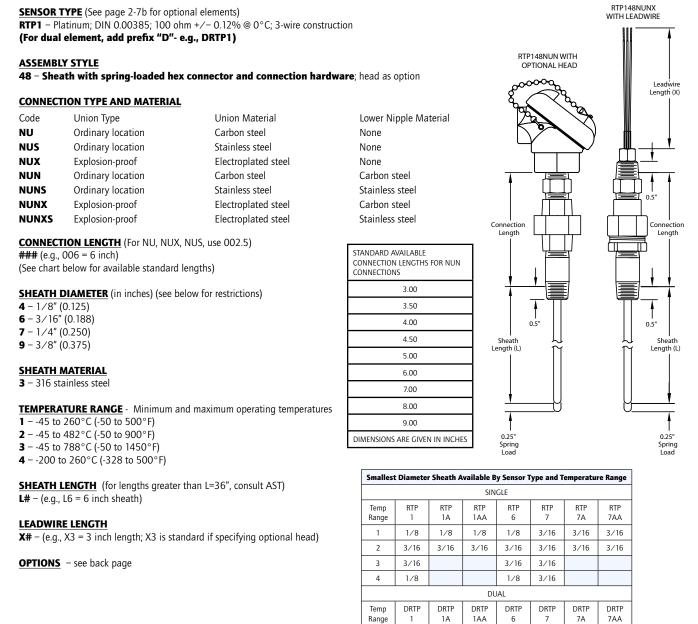


SPRING-LOADED PROCESS MOUNTING HARDWARE WITH OPTIONAL TERMINAL HEAD

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.

SENSOR	ASSEMBLY	CONNECTION TYPE	CONNECTION	SHEATH	SHEATH	TEMPERATURE	SHEATH	LEADWIRE	OPTIONS
TYPE	STYLE	AND MATERIAL	LENGTH	DIAMETER	MATERIAL	RANGE	LENGTH	LENGTH	



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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			
RTP6	±0.12%	2-wire			
RTP7	±-0.12%	4-wire			
RTP7A	±0.06%	4-wire			
RTP7AA	±0.01%	4-wire			

Notes:

For dual element, add prefix "D" (e.g., DRTP6) 1.

2. Additional materials, curves and resistance values are available - see Capabilities brochure.

ASSEMBLY O	PTIONS
Option Code	Description
TAG1	Stainless steel tag and wire
CAL1	NIST traceable calibration [specify point(s)]
CRT1	Certificate of conformance
RB10	Replace terminal block with customer supplied part
RB11	Supply assembly with no terminal block inside head
WC20	Wiring cable gland for 0.187 - 0.312 diameter cables, for terminal heads with $1/2^{\prime\prime}$ NPT conduit connections
WC21	Wiring cable gland for 0.125 - 0.187 diameter cables, for terminal heads with $1/2$ " NPT conduit connections
WIRING CON	NECTION 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 terminals
WC98	#8 ring terminals
TRANSMITTE	RS - for complete specs, see Transmitters section
TR11	4-20 mA, 2-wire; single input; isolated output; specify range, units of measure (e.g., 0-200°C) and terminal head with *. See Accessories section for additional information.
TR12	4-20 mA, 2-wire transmitter, single input, non-isolated output; specify range and units of measure (e.g., $0-200^{\circ}$ C) and terminal head with *.
TR13	HART®/ 4-20 mA, 2-wire transmitter, single input, isolated output; specify range and units of measure (e.g., 0-200°C) and terminal head with *.

THERMOWELLS & PROTECTION TUBES

For a complete offering of metal, ceramic and composite material thermowells and protection tubes, please see the Thermowell and Protection Tube sections.

STYLE 48

AVAILABLE OPTIONS and MODIFICATIONS

NEMA 4 OR 4X TE	RMINAL HEAD OPT	IONS			
Head without ground screw	Head with internal ground screw	Process Connection		Conduit Connection	
Cast aluminum, scre	w cover with chain, NI	EMA 4			
HD10*	1/2"		1/2"		
HD12*	HD13*	1/2"		3/4"	
Epoxy-coated alumi	num, screw cover with	chain, NEMA	4X		
HD50*	HD51 *	1/2"		1/2"	
HD52*	HD53*	1/2"		3/4"	
Cast iron, screw cov	er with chain, NEMA 4				
HD20*	HD21* 1/2"			1/2"	
HD22*	HD23*	1/2"		3/4"	
316 stainless steel, s	crew cover with chain,	NEMA 4X			
HD40*	HD41* 1/2"			3/4"	
White polypropylene	e, screw cover with cha	in, NEMA 4			
HD30	N/A	1/2"		3/4"	
Black polypropylene	, screw cover with chai	in, NEMA 4		L	
HD31	N/A	1/2"		3/4"	
Nylon, screw cover	J	1			
HD32	N/A	1/2"		1/2"	
EXPLOSION-PROC	F TERMINAL HEAD	OPTIONS			
Option Code	Process Connection	(Conduit	Connection	
	ew cover with chain; o- CSA approved for Clas Ind screw				
HD70*	1/2"		1/2"		
HD71*	1/2"		3/4"		
Stainless steel (same	e specs as HD70/HD7				
HD74*	1/2"		1/2"		
HD75*	1/2"		3/4"		
Epoxy-coated (same	specs as HD70/HD7	1)			
HD80*	1/2"		1/2"		
	172		1/2		
HD81*	1/2"		3/4"		
Cast aluminum; ATE	1/2" X approved for EEx d l ic terminal block; rated		3/4" r with cł		
Cast aluminum; ATE o-ring gasket; ceram	1/2" X approved for EEx d l ic terminal block; rated		3/4" r with cł		
Cast aluminum; ATE o-ring gasket; ceram external ground scre	1/2" X approved for EEx d l ic terminal block; rated		3/4" r with cł K, IP66 t		
Cast aluminum; ATE o-ring gasket; ceram external ground scre HD72* HD73* Cast aluminum (For	1/2" X approved for EEx d l ic terminal block; ratee ws 1/2"	d for NEMA 4>	3/4" r with ch (, IP66 t 1/2" 3/4" erminal	o IP68; internal and	
Cast aluminum; ATE o-ring gasket; ceram external ground scre HD72* HD73* Cast aluminum (For	1/2" X approved for EEx d lic terminal block; rated ws 1/2" 1/2" 1/2" merly Style 60); screw	d for NEMA 4>	3/4" r with ch (, IP66 t 1/2" 3/4" erminal	o IP68; internal and	

Note: See Accessories section for outline drawings and additional specs.

APPLIED SENSOR TECHNOLOGIES

Note: Many non-standard options, including additional sheath diameters and materials, may also be available – consult AST for specific requirements. HART® is a registered trademark of the HART Communication Foundation.