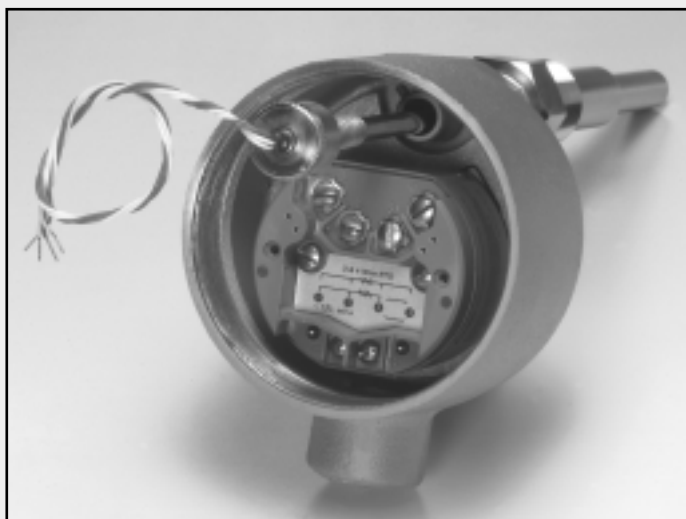


Temperature Sensors with Bayonet Fittings

- For RTD or Thermocouple Sensors
- Trouble-free Installation & Removal
- No tools required or risk of galled threads
- Spring loaded for good Thermal Conductivity
- For head-mounted Sensors or Transmitters
- Full Sensor & Transmitter Assemblies available



WP-HEAD Assembly: Transmitter and RTD Probe with Bayonet Fitting.
The WP-HEAD is a compact, weatherproof, inexpensive housing suitable for field mounting in Intrinsically Safe or non-hazardous applications. The WP-HEAD is IP66 rated.



XP-HEAD Assembly: Transmitter and RTD Probe with Bayonet Fitting
The XP-HEAD is small, explosion proof, and rain tight. It is rated for NEMA 3, 4, Class I, Gr. B, C, D; and Class II, Gr. E, F, G.

Sensors

Accutech offers a spring-loaded, quick disconnect bayonet fitting for any of our industrial thermocouple or RTD sensors. Sensor removal is quick in four easy steps:

1. Open the transmitter head
2. Disconnect sensor wires from the transmitter
3. Twist the quick-disconnect fitting to disengage
4. Slide out sensor

No wrenches, no broken fittings, no galled threads.

Sensors with the bayonet fitting can be ordered individually, or they may be ordered with a complete temperature measurement system including the Accutech's AI-1000 R2 or AI-1500 transmitter. The quick disconnect fitting can be installed in the WP-HEAD or XP-HEAD.

Transmitters

AI-1000 R2 Programmable Temperature Transmitter

The AI-1000 R2 is a competitively priced, programmable, microprocessor-based, highly accurate temperature transmitter. It's fast, easy-to-use and accepts a wide variety of inputs.

FOR DETAILED INFORMATION, REQUEST AI-1000 R2 BROCHURE

AI-1500 HART® Smart Temperature Transmitter

The AI-1500 is a fully HART® compliant, microprocessor-based, smart temperature transmitter, offering superior performance and unmatched versatility. Automatic self-calibration, digital ambient temperature compensation and fast update speeds put the AI-1500 ahead of the competition.

FOR DETAILED INFORMATION, REQUEST AI-1500 BROCHURE



Order a temperature measurement system to include a sensor, thermowell, housing and transmitter. Sensors and thermowells may be ordered from the information below. Housings and transmitters may be ordered from the transmitter price lists or brochures. Sensors with the bayonet fitting may be installed with the weatherproof head (WP-HEAD), or with the explosion-proof head (XP-HEAD).

INDUSTRIAL PROBE PART NUMBERS

PROB = INDUSTRIAL TEMPERATURE PROBE, 1/4" DIAM.

CODE	FITTING
SLH	Spring Loaded Head for use with thermowell
SLF	Spring Loaded Fitting, for use with thermowell
DIW	Direct Insertion, Welded Fitting, no thermowell req.
SLB	Spring Loaded Bayonet Fitting, for use with thermowell

CODE	UNION COUPLING
C	304 Stainless Steel Union & Nipples; 3" overall length
N	No Union Coupling

CODE	LENGTH
06.0	6" Probe Stem Length (A) 1/4" Diameter 316 Stainless Steel
09.0	9" Probe Stem Length (A) 1/4" Diameter 316 Stainless Steel
12.0	12" Probe Stem Length (A) 1/4" Diameter 316 Stainless Steel
XX.X	Probe Stem Length (A) Specified in inches, 1/4" Diameter 316 Stainless Steel

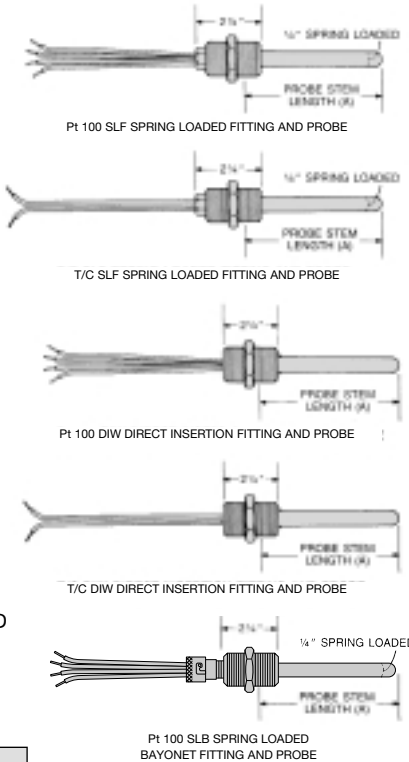
CODE	SENSOR TYPE
JT/C	J Type Thermocouple, Grounded Junction, MgO Insulation
KT/C	K Type Thermocouple, Grounded Junction, MgO Insulation
Pt100	100Ω Platinum RTD, 4 Wire, DIN Curve
	Consult factory for other curves

CODE	PRECISION
NP	Normal Precision Thermocouple or DIN RTD
EX	Extended Precision Thermocouple or Band 1 (0.1%) DIN Curve RTD
UP	Ultra Precision, Band 5 (0.01%) DIN RTD only

CODE	LEAD LENGTH
XX.X	Lead Wire Length in Inches as Specified

CODE	MEASURED TEMPERATURE
HI	Above 400 °F
LO	Below 400 °F

CODE	SLF	N	09.0	JT/C	EX	12.0	HI	TYPICAL PROBE PART NUMBER
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THERMOWELL PART NUMBERS

TWELL = THERMOWELL

CODE	PROCESS CONNECTION
P	Pipe Threads, S = TriClover sanitary
	Consult Factory for Flange and other Thermowell Configurations

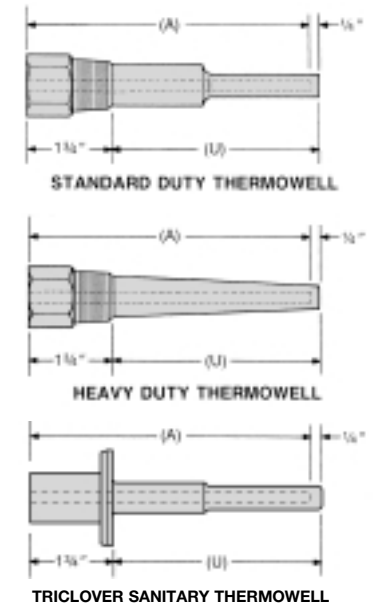
CODE	SIZE CONNECTION
3/4	1/4" Male NPT Pipe Thread Process Fitting
1	1" Male NPT Pipe Thread Process Fitting
A	1 1/2" 16 amp endcap

CODE	THERMOWELL TYPE
260S	Standard Threaded Well, 0.260" Bore
260H	Heavy Duty Threaded Well, 0.260" Bore
260T	TriClover Well 0.260" Bore

CODE	MATERIAL OF CONSTRUCTION
304	Type 304 Stainless Steel
316	Type 316 Stainless Steel

CODE	LENGTH
04.5	Insertion Length, U = 4.5"; Probe Stem Length, A = 6"
07.5	Insertion Length, U = 7.5"; Probe Stem Length, A = 9"
10.5	Insertion Length, U = 10.5"; Probe Stem Length, A = 12"
XX.X	Insertion Length as specified

TWELL	P	3/4	260S	304	07.5	TYPICAL THERMOWELL PART NUMBER
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Consult factory for other configurations to meet your specific requirements

