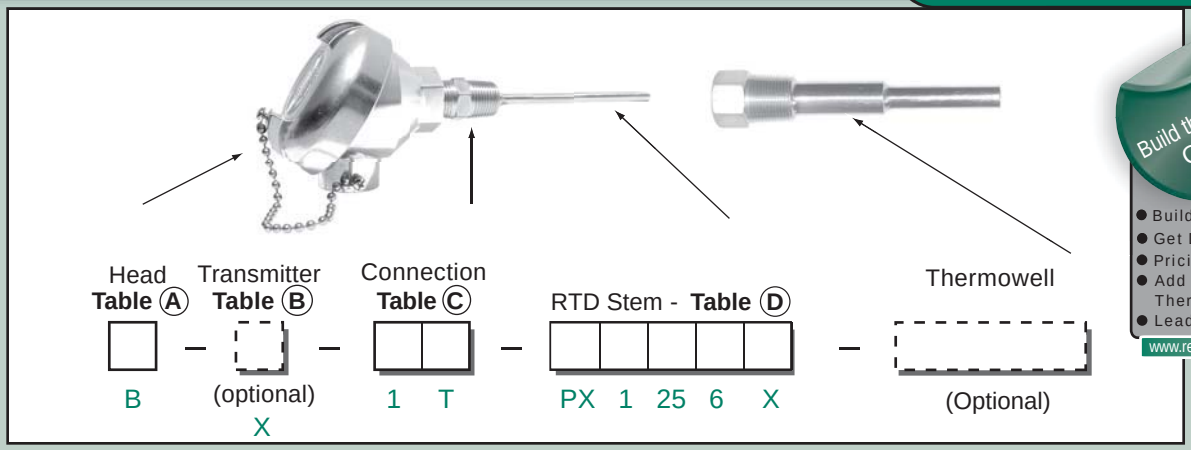
REOTEMP INSTRUMENTS

Head Assemblies - (Head & Connection)



Build this product Online

- Build Part #'s
- Get Drawings
- Pricing
- Add Matching Thermowell
- Lead Times

www.reotemp.com

Table Ⓐ - Connection Heads

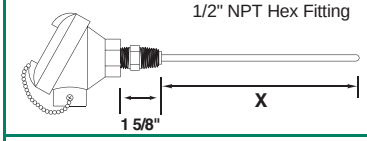
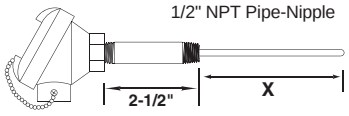
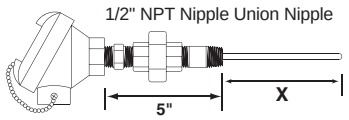
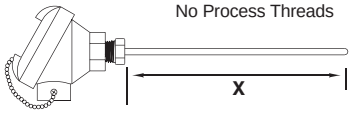
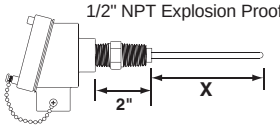
TYPE B  Universal Cast Aluminum	TYPE A  Universal Cast Iron
TYPE G  316SS	TYPE H  Aluminum Flip-Top
TYPE I  Epoxy Coated Aluminum	TYPE Y  316SS with Window
TYPE E  Explosion Proof, Aluminum	TYPE T  ATEX Explosion Proof, Aluminum
TYPE J  Explosion Proof 316SS	TYPE Z  (use with digital display) Explosion Proof, Window
TYPE S  Poly Plastic (white)	TYPE C  Poly Plastic (Black)

Note: Add'l heads on price list.

Table Ⓑ - Transmitters - (optional)

In Head Standard	In Head with Digital Display (with window head Z)
X = 4-20mA 2-wire trans. R = 4-20mA 2-wire Hart trans. F = 4-20mA 2-wire Foundation Fieldbus P = 4-20mA 2-wire Foundation Profibus	B = 4-20mA 2-wire trans. Y = 4-20mA 2-wire Hart trans.

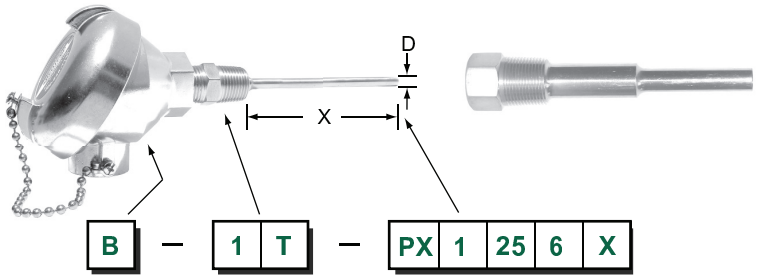
Table Ⓒ - Threaded Connections

Use spring loaded connection with thermowells. Use welded connection when stem goes directly into the process medium.	Std 316 SS Fittings	
	Spring Loaded	Welded
	1T	1F
	2T	---
	4T	---
	---	6F
	7T	---

Note: Add'l connections on price list.

Head Assemblies – (Stem)

RTDs (Resistance Temperature Detectors)



B	–	1	T	–	PX	1	25	6	X
Head - **Table Ⓐ** (p. RTD1)		Connection - **Table Ⓒ** (p. RTD1)			RTD stem - **Table Ⓓ** (below)				

TABLE Ⓓ RTD Stems

STEP 1 - RTD Sensor

Insert sensor code below	Code	Material/Class	Ω @ 0°C	Acc
(Std) Din B Pt 100	***PX (std)**	**Pt/385/B**	**100 Ω**	**0.12%**
Pt 100 with Other Accuracies	**PD**	Pt/385/A3	100 Ω	0.03%
	***PA**	Pt/385/Cl A	100 Ω	0.06%
	***PE**	Pt/385/A5	100 Ω	0.01%
Other RTDs	**PK**	Pt/385/B	1000 Ω	0.12%
	PM	Pt/385/B	500 Ω	0.12%
	***PY**	Pt/392	100 Ω	0.10%
	NI	Nickel/6725	120 Ω	0.50%
	CU	Copper/421	10Ω(@25°C)	0.50%

*Available in standard or extended ranges.

STEP 2 - Temperature Range

Insert single-digit number designated below.

1 Std. range -60°F / 600°F

2 (Extended range) -328°F / 1100°F (only available on sensors with asterisk *)

STEP 3 - Sheath Diameter

Insert two-digit number designated below

25 = .250 dia. **12** = .125 dia. **18** = .188 dia. **37** = .375 dia.

STEP 4 - Determine the required length "X" in inches

Stem length measured from bottom of threads to stem tip.

STEP 5 - Number of Leads/RTD's

Single RTD	Leads/RTD	Duplex RTD
X	3-wire	**XX**
Y	4-wire	**YY**