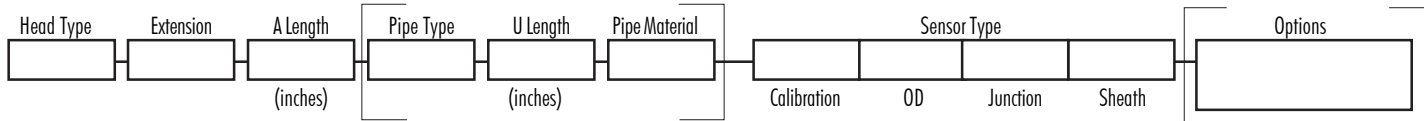


Pipe Well Assemblies



To order: To specify a complete assembly, indicate the code letter or value for each requirement. To order a pipe well only, fill in only the boxes in brackets. Add a nipple and union to a pipe well by including the extension code and "A" length in addition to the well codes.



HEAD TYPE

- | | |
|----------------------------|-------------------------------------|
| 0 No Head | FTA Flip Top Aluminum |
| CA Cast Aluminum | FTP Flip Top Poly (white) |
| CI Cast Iron | EPA Explosion Proof Aluminum |
| CSS Cast Stainless Steel | EPS Explosion Proof Stainless Steel |
| LCA Large Cast Aluminum | EHA Explosion Proof Aluminum |
| PP Polypropylene (Black) | EHI Explosion Proof Iron |
| PPS Polypropylene Sanitary | |

Add X to the end of the order code of metallic heads, (i.e. EHAX), to add a corrosion resistant epoxy coating to meet NEMA 4X rating. For detailed description and ordering of heads see pages A-5 and A-6.

EXTENSION

- 0 None
- NU Nipple/Union Galvanized
- NUS Nipple/Union Stainless Steel

See page A-7 for additional information.

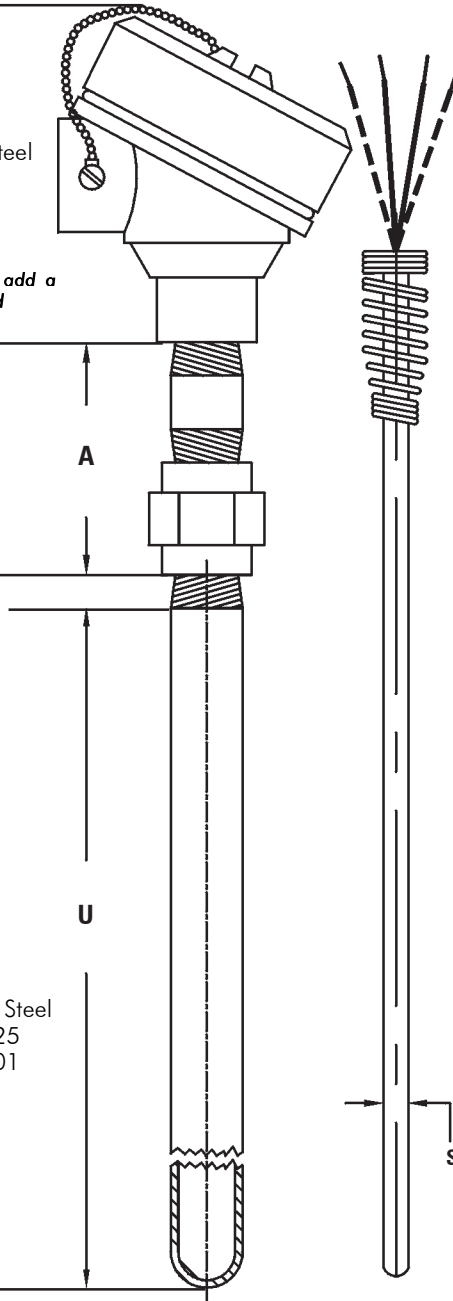
PIPE WELL*

Type	Pipe Size	OD	ID			
			SCH40	SCH80	SCH160	XXH
PW	1/2" NPT	.840	.622	.546	.466	.252
PW0	3/4" NPT	1.050	.824	.742	.614	.434
PW1	1" NPT	1.315	1.049	.957	.815	.599
PW2	1 1/4" NPT	1.660	1.380	1.278	1.160	.896

Well Materials – For other materials, see page B-6.

- | | | |
|----------------|---------------------|----------------|
| A Alloy 600 | I Alloy 800 | R 316SS |
| AA Alloy 20 | LP Low Carbon 304SS | S Carbon Steel |
| B Hastelloy® B | LR Low Carbon 316SS | V Alloy 825 |
| C Hastelloy® C | M Monel® 400 | W Alloy 601 |
| D 321SS | N Nickel | |
| F 347SS | P 304SS | |
| H 446SS | Q 310SS | |

* Note: Schedule 40 is standard. See options for other schedules.



SENSOR TYPE

Sensor Calibration

- J Iron Constantan®
- K Chromel® Alumel®
- T Copper Constantan®
- E Chromel® Constantan®
- N Nicrosil® Nisil®
- PO Low Temp RTD to 500° F
- PH High Temp RTD to 900° F
- PM Heavy Duty RTD to 1100° F

Standard RTD is a three-wire 100 ohm Platinum / .00385 Alpha. For special limits on thermocouples, repeat calibration code, i.e. JJ. For Smart Stuff sensors use S prefix in front of calibration code.

Sensor OD

- 316 3/16"
- 14 1/4"
- 516 5/16"
- 38 3/8"

Sensor Junction

- G Grounded
- U Ungrounded
- E Exposed
- DG Dual Grounded
- DU Dual Ungrounded
- DE Dual Exposed
- S Single RTD
- D Dual RTD

Sensor Sheath Materials

- P 304SS
 - R 316SS
 - Q 310SS
 - A Alloy 600
- Standard Sheath Material is 316SS.

OPTIONS

Sensor Options

- S Smart Stuff
- GA Grade A RTD
- TW Two Wire RTD
- FW Four Wire RTD
- HV High Vibration RTD (PM only)
- CR Cryogenic RTD (PM only)
- CT Compensated Terminals (EHA/EHI head only)

Thermowell Options

- AO Alumina Oxide Coating
- HT Hydrostatic Testing to 10,000 psi
- NC NACE Certification for Well
- OC Oxygen Cleaned
- ST Stellite® Coating
- TF Teflon® Coating
- SH Schedule 80
- SX Schedule 160
- SXX Double Extra Heavy

Transmitter/Indicator Options

- LCR Fixed Range Type, RTD, FM
 - LCS Programmable, Non FM
 - PT Programmable FM
 - HC Hart® Compatible
- Provide Range and Temp F/C
See pages A-33 – A36 for additional transmitter information.
- TI Temperature Indicator (use with transmitter)