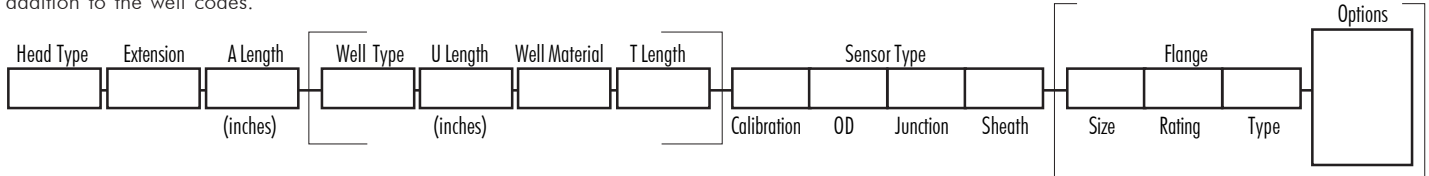


Flanged Pipe Well Assemblies



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	SCH 160	XXH
FPW	1/2" NPT	.840	.622	.546	.466	.252
FPWO	3/4" NPT	1.050	.824	.742	.614	.434
FPW1	1" NPT	1.315	1.049	.957	.815	.599
FPW2	1 1/4" NPT	1.660	1.380	1.278	1.160	.896

* Note: Flanges made from same material as pipe. Schedule 40 is standard. See options for other schedules.

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 | |

Flange Size

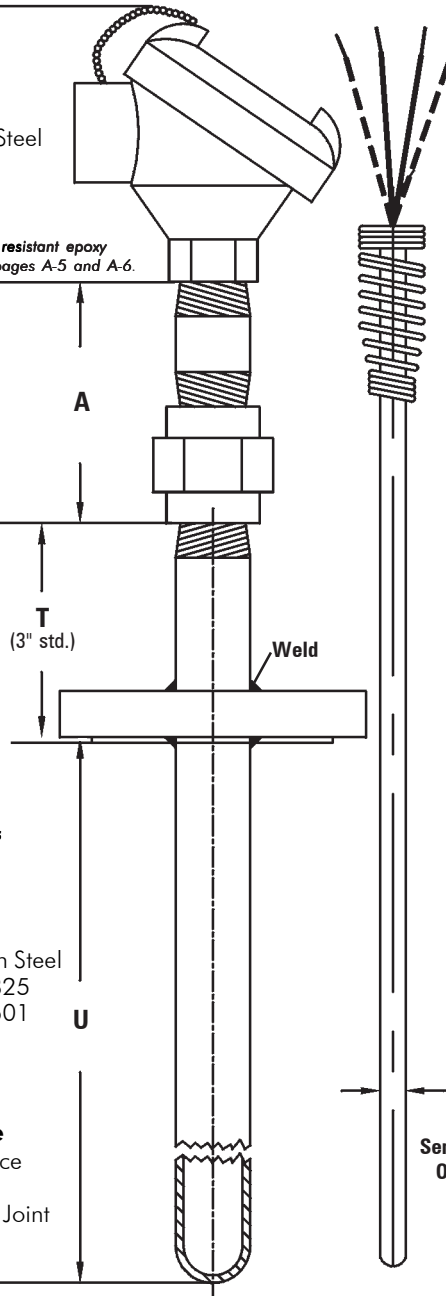
- 1"
- 1 1/2"
- 2"
- 3"
- 4"

Flange Rating

- | | |
|-----|------|
| 150 | 600 |
| 200 | 900 |
| 300 | 1500 |
| 400 | |

Flange Type

- | | |
|-----|-----------------|
| RF | Raised Face |
| FF | Flat Face |
| RTJ | Ring Type Joint |



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 | ST | Stellite® Coating |
| FP | Full Penetration Weld | TF | Teflon® Coating |
| HT | Hydrostatic Testing to 10,000 psi | SH | Schedule 80 |
| NC | NACE Certification for Well | SX | Schedule 160 |
| OC | Oxygen Cleaned | 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) |