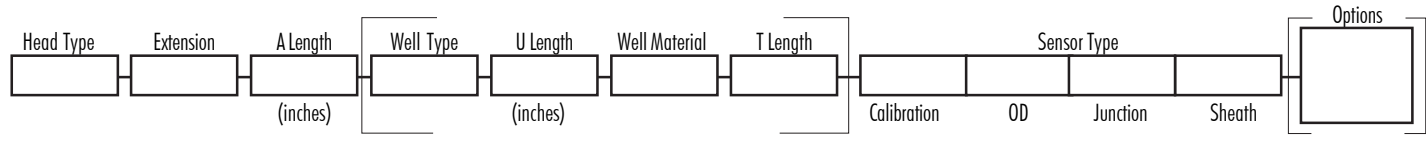


To order: To specify a complete assembly, indicate the code letter or value for each requirement. To order a well only, fill in only the boxes in brackets. Add a nipple or nipple-union-nipple to a well by including the extension code and "A" length in addition to the well codes.



HEAD TYPE

- | | |
|----------------------------|-------------------------------------|
| O 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

- | |
|--|
| N Nipple Galvanized |
| NUN Nipple/Union/Nipple Galvanized |
| NS Nipple Stainless Steel |
| NUNS Nipple/Union/Nipple Stainless Steel |
| PNUN Pressure Seal in Union Galvanized |
| PNUNS Pressure Seal in Union Stainless Steel |

See page A-7 for additional information.

THERMOWELL

Type	Pipe Size Nominal	Actual Dia. (P)	Raised Face Dia. (R)
VS1	1	1.315	2"
VS3	1 1/2	1.900	2 7/8"

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

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

SENSOR TYPE

Sensor Calibration

- | |
|------------------------------|
| J Iron Constantan® |
| K Chromel® Alumel® |
| T Copper Constantan® |
| E Chromel® Constantan® |
| N Microsil® 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

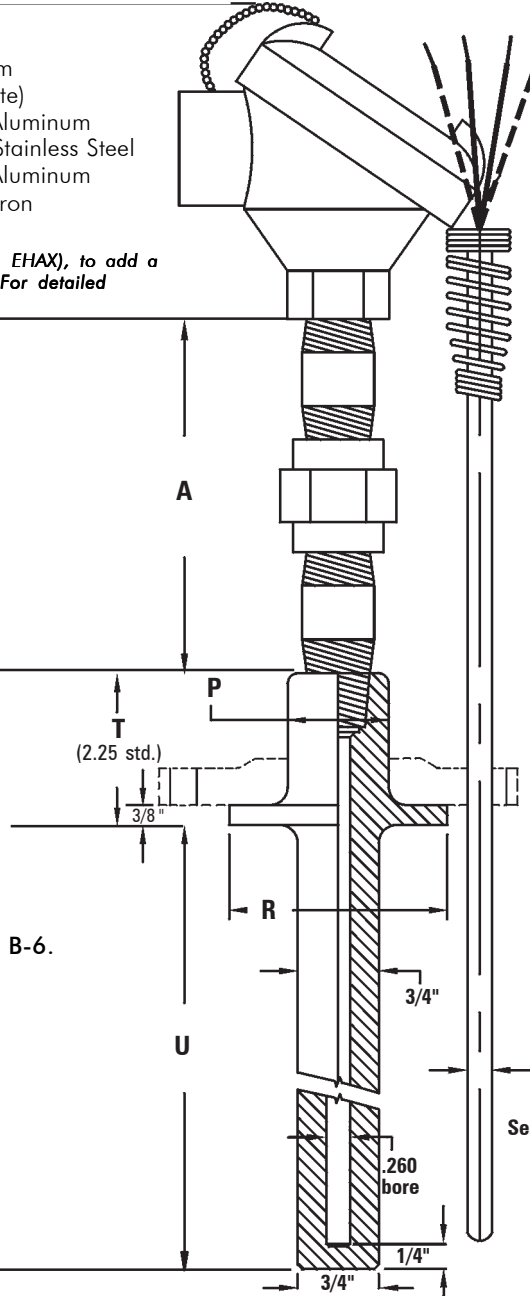
- | | |
|-----|-------|
| 316 | 3/16" |
| 14 | 1/4" |
| 516 | 5/16" |
| 38 | 3/8" |

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 |

- | |
|--------------------------|
| TS Tantalum Sheath |
| VC Velocity Calculations |
| BC Brass Plug and Chain |
| SC SS Plug and Chain |
| WB .385 Bore |
- If other than .385 Bore is required, specify bore size.

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) |