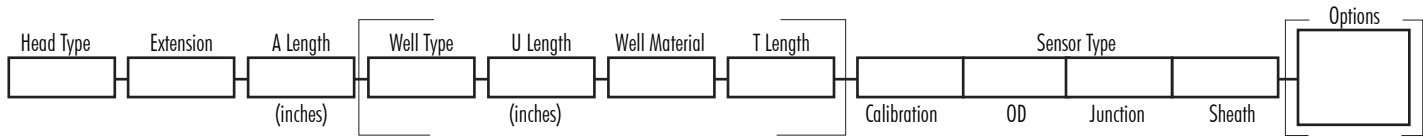


To order: To specify a complete assembly, indicate the code letter or value for each requirement. To order a well only, fill in only the boxes in brackets. Add a nipple or nipple-union-nipple to a well by including the extension code and "A" length in addition to the well codes.



HEAD TYPE

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

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 900° F |
- Standard RTD is a three-wire 100 ohm Platinum / .00385 Alpha. For higher temperature ranges - consult factory. For special limits on thermocouples, repeat calibration code, i.e. JJ.*

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.*

* Epoxy Seal - Max. Temp. 300°F

EXTENSION

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

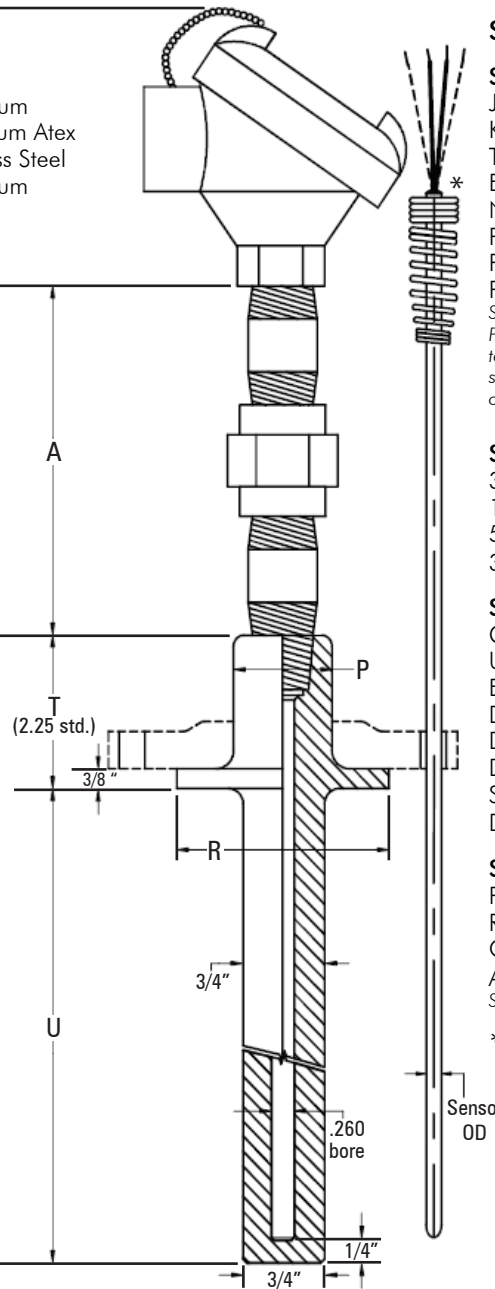
See page A-7 for additional information.

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"
VS4	2"	2.375	3 5/8"

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 |



OPTIONS

Thermowell Options

Sensor Options

- | | |
|----|---|
| GA | Class A |
| FW | Four Wire RTD |
| HV | High Vibration RTD (PM only) |
| CR | Cryogenic RTD (PM only) |
| CT | Compensated Terminals (EHA/EHI head only) |

- | | |
|-----|------------------------------------|
| HTE | Hydrostatic Pressure Test External |
| HTI | Hydrostatic Pressure Test Internal |
| NC | NACE Certification for Well |
| OC | Oxygen Cleaned |
| ST | Stellite® Coating |
| TF | Teflon® Coating |
| TC | Tungsten Carbide |

- | | |
|----|-----------------------|
| 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

- | | |
|-----|-----------------------|
| LCP | Programmable, RTD, FM |
| PT | Programmable FM |
| HC | Hart® Compatible |
- Provide Range and Temp F/C
See pages A-33 – A34 for additional transmitter information.
- | | |
|-----|----------------------------|
| LPI | Loop Temperature Indicator |
|-----|----------------------------|
- See pages A-33 – A-34 for transmitter and other options.
- | | |
|-----|---------------------------|
| BPI | Battery Powered Indicator |
|-----|---------------------------|