Sanitary Well Assembly

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
- CA  Cast Aluminum
- CSS Cast Stainless Steel
- PPS Polypropylene Sanitary
- FTA  Flip Top Aluminum
- FTP  Flip Top Poly (white)

### SENSOR TYPE
- J  Iron Constantan®
- K  Chromel® Alumel®
- T  Copper Constantan®
- E  Chromel® Constantan®
- N  Nichrome® 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
- 18 1/8”
- 316 3/16”
- 14 1/4”

### SENSOR JUNCTION
- G  Grounded
- U  Ungrounded
- E  Exposed
- DG  Dual Grounded
- DU  Dual Ungrounded
- D  Dual RTD
- DE  Dual Exposed
- S  Single RTD
- T  Triple RTD

### SENSOR SHEATH MATERIALS
- R  316SS
  - Standard Sheath Material is 316SS.
  - * Epoxy Seal - Max. Temp. 300°F

### THERMOWELL TYPE SA

<table>
<thead>
<tr>
<th>Type</th>
<th>Tube Cap Size</th>
<th>Cap A</th>
<th>Cap B</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA10</td>
<td>1”</td>
<td>0.992”</td>
<td>0.200”</td>
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<tr>
<td>SA15</td>
<td>1-1/2”</td>
<td>1.984”</td>
<td>0.250”</td>
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<tr>
<td>SA20</td>
<td>2”</td>
<td>2.516”</td>
<td>0.250”</td>
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<tr>
<td>SA25</td>
<td>2-1/2”</td>
<td>3.047”</td>
<td>0.250”</td>
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<td>SA30</td>
<td>3”</td>
<td>3.579”</td>
<td>0.250”</td>
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<tr>
<td>SA40</td>
<td>4”</td>
<td>4.682”</td>
<td>0.312”</td>
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</tbody>
</table>

**Well Materials – For other materials, see page B-6.**
- LP  Low Carbon 304SS
- LR  Low Carbon 316SS
- P  304SS
- R  316SS

### OPTIONS

<table>
<thead>
<tr>
<th>Sensor Options</th>
<th>Thermowell Options</th>
<th>Transmitter/Indicator Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA  Class A</td>
<td>HTE Hydrostatic Pressure Test External</td>
<td>LCP Programmable, RTD, FM</td>
</tr>
<tr>
<td>FW  Four Wire RTD</td>
<td>HTI Hydrostatic Pressure Test Internal</td>
<td>PT Programmable FM</td>
</tr>
<tr>
<td>HV  High Vibration RTD (PM only)</td>
<td>NC NACE Certification for Well</td>
<td>HC Hart® Compatible</td>
</tr>
<tr>
<td>CR  Cryogenic RTD (PM only)</td>
<td>OC Oxygen Cleaned</td>
<td>Provide Range and Temp F/C</td>
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<tr>
<td></td>
<td>VC Velocity Calculations</td>
<td>LPI Loop Temperature Indicator</td>
</tr>
<tr>
<td></td>
<td></td>
<td>See pages A-33 – A-34 for transmitter and other options.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BPI Battery Powered Indicator</td>
</tr>
</tbody>
</table>

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