Specialty Sensors - Surface

Pipe Clamp - Type 1550

For heavy duty industrial surface temperatures use Type 1550. The black carbon steel nipple is welded to the black carbon steel pipe clamp adapter and the thermocouple is springloaded and maintains constant contact with the measuring surface. “A” length is normally determined by the insulation thickness surrounding the pipe. Sensor replacement requires no disassembling. For use with pipes 4 inches in diameter or larger.

To order: Indicate the code letter or value for each requirement.

<table>
<thead>
<tr>
<th>Type</th>
<th>Head</th>
<th>A Length</th>
<th>Junction</th>
<th>Pipe Size</th>
<th>Calibration</th>
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</thead>
<tbody>
<tr>
<td>1550</td>
<td></td>
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</tbody>
</table>

HEAD TYPE

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

SENSOR

Sensor Junction
G Grounded
U Ungrounded
DG Dual Grounded
DU Dual Ungrounded
For special limits on thermocouples, repeat calibration code, i.e. JJ.

Sensor Calibration
J Iron Constantan®
K Chromel® Alumel®

Washer Thermocouples - Type 1310

Washer thermocouples provide a simple but effective way to measure surface temperature on tanks and other welded metal structures. The thermocouple is imbedded in the washer for quick response and accurate location of the surface temperature.

Wire Gauge: 20 ga. solid (standard)

To order: To specify a washer thermocouple, indicate the code letter or value for each requirement.

<table>
<thead>
<tr>
<th>Type</th>
<th>Calibration</th>
<th>Washer Size</th>
<th>Leadwire</th>
<th>Lead Wire Length</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310</td>
<td></td>
<td>6, 8, 10, 12, 1/4, 3/8&quot;, 1/2&quot;</td>
<td>F - Fiberglass</td>
<td>(inches)</td>
<td>A - Armor</td>
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<tr>
<td></td>
<td></td>
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<td>P - PVC</td>
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<td>AP - Armor with</td>
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<td></td>
<td></td>
<td></td>
<td>T - Teflon®</td>
<td></td>
<td>PVC Jacket</td>
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<td></td>
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<td>SB - SS Over Braid</td>
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</tbody>
</table>

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