Remote Mounted Sensors - Type 1340

The 1340 is easily installed, reduces vibration damage to the head and eliminates stocking several different lengths. This versatile design can be inserted into an existing well or for use in other general purpose applications where a well or protection tube is not required. The exact immersion depth is not required when inserting in a well. Simply bottom the sensor to the bottom of the well and tighten the optional compression fitting. The 1340 allows a reduction in store room lengths due to this flexibility.

The flexible armor leads allows remote mounting of the head in applications where there is a very tight fit. In high temperature thermocouple applications it is recommended that sensor connections are in an area that has ambient temperatures below 400 degrees F. The 1340 design allows the head to be mounted remotely an option that can greatly enhance the accuracy of the measurement.

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

<table>
<thead>
<tr>
<th>Head Type</th>
<th>Sensor Type</th>
<th>Calibration</th>
<th>OD (inches)</th>
<th>Junction</th>
<th>Sheath Length</th>
<th>Sheath Material</th>
<th>Lead Length</th>
<th>Lead Wire</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1340</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HEAD TYPE**
- 0  No Head
- CA  Cast Aluminum
- CI  Cast Iron
- CSS  Cast Stainless Steel
- PPS  Polypropylene Sanitary
- FTA  Flip Top Aluminum
- 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 CALIBRATION**
- J  Iron Constantan®
- K  Chromel® Alumel®
- T  Copper Constantan®
- E  Chrome® 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 temperatures ranges - consult factory. For special limits on thermocouples, repeat calibration code, i.e. JJ.

**SENSOR OPTIONS**
- A  Armor (Stainless Steel)
- AP  Armor with PVC Jacket
- CG12 Cond. Grip, 1/2” NPT
- SS18 Adj SS Comp Fitting 1/8” NPT*
- SS14 Adj SS Comp Fitting 1/4” NPT*
- SS12 Adj SS Comp Fitting 1/2” NPT*
- BR18 Adj Brass Comp Fitting 1/8” NPT*
- BR14 Adj Brass Comp Fitting 1/4” NPT*
- BR12 Adj Brass Comp Fitting 1/2” NPT*
- VH  Vent hole for fittings
- TA  Tube on Armor, 1/4” OD x 2” long
- TAC Tube on Armor with SS12 Fitting for Head Mount
- SA12 Spring Assembly with Hex Fitting, 1/2” NPT
- SB  Stainless Steel Overbraid on Lead Wire
- HV  High Vibration RTD (PM only)
- CR  Cryogenic RTD (PM only)
- CT  Compensated Terminals (EHA/EHI head only)
- WP  Weld Pad
- FW  Four Wire RTD
- GA  Class A

*Add T after SS or BR for Teflon® Ferrule

**TRANSMITTER/INDICATOR OPTIONS**
- LCP  Programmable, RTD, FM
- PT  Programmable FM
- MT  Multi Strand (flexible) Teflon® (RTD std.)
- GC  Hart® Compatible
- LPI  Loop Temperature Indicator

See pages A-33 - A-34 for transmitter and other options.