The Series TTW Immersion Temperature Transmitter combines three popular products into a single package. Our TBU series head mounted temperature transmitter is factory mounted into our A-709 enclosure. A Pt100 RTD version of our TE series is wired to the transmitter, giving insertion lengths up to 18”. Each transmitter is factory programmed and calibrated to output a 4 to 20 mA signal proportional to the 32 to 212°F (0 to 100°C) temperature range.

### SPECIFICATIONS

#### Temperature Sensor
- **Accuracy:** DIN Class B: ±0.3°C @ 0°C (±0.54°F @ 32°F).
- **Temperature Limits:** Operating: -40 to 302°F (-40 to 150°C).

#### Temperature Transmitter
- **Input Range:** -328 to 986°F (-200 to 530°C).
- **Output:** Two-wire 4 to 20 mA.
- **Output Impedance:** 600 Ω @ 24 VDC.
- **Power Requirements:** 12 to 35 VDC.
- **Accuracy:** ±0.2% FS.
- **Temperature Limits:** -40 to 185°F (-40 to 85°C).
- **Response Time:** <100 msec.

#### Enclosure
- **Temperature Limits:** -40 to 212°F (-40 to 100°C).
- **Rating:** NEMA 4X (IP65).
- **Material:** Painted aluminum housing.

### Thermowells

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
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<tbody>
<tr>
<td>TTW-104</td>
<td>4”</td>
</tr>
<tr>
<td>TTW-106</td>
<td>6”</td>
</tr>
<tr>
<td>TTW-108</td>
<td>8”</td>
</tr>
<tr>
<td>TTW-112</td>
<td>12”</td>
</tr>
<tr>
<td>TTW-118</td>
<td>18”</td>
</tr>
</tbody>
</table>

### ACCESSORY

TBV-90, Programming Cable and Software