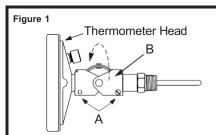
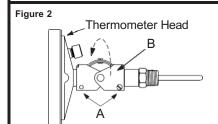
Instructions for Repositioning and Installing Adjustable Angle Thermometers

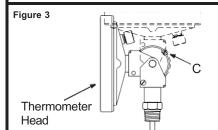
Thermometer head orientation can be adjusted by rotating the harness assembly up to 360°.



Thermometer head orientation can be adjusted ONLY when in the straight, back-connected position as shown in Figure 1. Loosen two screws (A) until harness assembly (B) revolves freely.

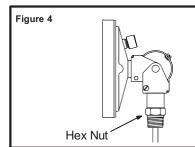


Hold thermometer head and harness assembly (B), rotate harness assembly to desired position as shown in Figure 2. Tighten two screws (A) until harness assembly (B) is secure.



To tilt thermometer head up to 90° angle, loosen single screw (C) 1/2 turn ONLY. Tilt to desired angle and tighten screw (C) as shown in Figure 3.

CAUTION: When installing, NEVER use thermometer head or harness assembly as a handle for tightening. SEVERE DAMAGE to thermometer will result.



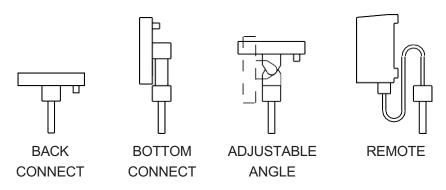
To install thermometer into threaded connection, always tighten with wrench on hex nut as shown in Figure 4.

Tel-Tru Manufacturing Company

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DIGI-TEL™ THERMOMETER Operating and Calibrating Instructions



GENERAL INFORMATION

- For accurate reading, thermometer must be immersed at least one inch into an agitated liquid or certified reference device.
- · Integrated diagnostic routines continually check the validity of the sensor output.
- The battery model has an expected service life of five years. Loop powered models do not use batteries.
- · Certificate of calibration included with each thermometer.
- · Services are available including battery replacement (on models with factory replaceable batteries).

CAUTION

- Any severe shock to the thermometer, dropping, bending of the stem or head, etc., can possibly
 impair its accuracy.
- When installing thermometer into threaded connection, always tighten with wrench on hex nut (NEVER use the thermometer head or harness assembly as a handle for tightening).

CALIBRATING INSTRUCTIONS

- 1) A master thermometer with a high degree of accuracy should be used for calibrating.
- 2) Place thermometer to be calibrated alongside a master thermometer. Immerse both thermometers into an agitated liquid for at least three minutes. Compare temperatures.

IMPORTANT: For accurate reading, thermometer must be immersed at least one inch into an agitated liquid or certified reference device, such as a Check-Set® Thermometer Calibrator.

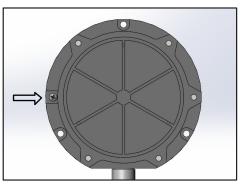
- 3) Refer to the Tel-Tru Digi-Tel Configuration software for calibration instructions.
- 4) An M12 connection is used with the Tel-Tru Digi-Tel Configuration software.

DISPLAY ERROR CODES

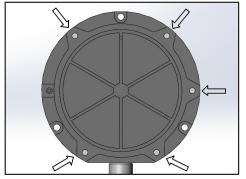
- Display "Err /" if the RTD is open.
- Display "☐┌┌☐" if the RTD is shorted.
- ・ Display "モーーヨ" if an error is detected on the board.
- Display "L U" if there is a valid reading, but it is too low to be displayed, due to decimal place setting.
- Display "H !" if there is a valid reading, but it is too high to be displayed, due to decimal place setting.
- Display toggles between "ball" and actual reading if the battery voltage drops below 3.2 volts.

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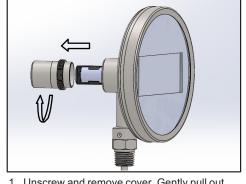
Digi-Tel D4RB Battery Replacement Instructions



1. Place thermometer face down and remove screw from back of case.

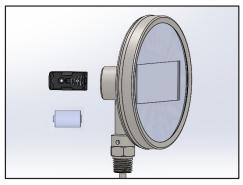


2. Carefully pry back of case from 5 case pins.

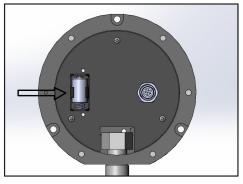


Digi-Tel D5xB Battery Replacement Instructions

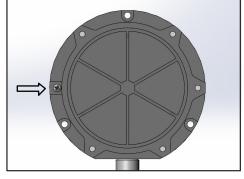
1. Unscrew and remove cover. Gently pull out battery holder from body.



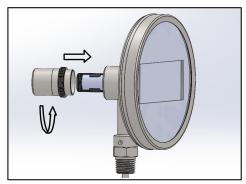
2. Remove battery and replace with a 3.6V ½ AA Lithium battery (Saft LS 14250 or equivalent), with "–" terminal at spring end of battery holder.



3. Remove battery from battery holder and replace with a 3.6V ½ AA Lithium battery (Saft LS 14250 or equivalent), with "–" terminal at spring end of battery holder.



4. Reinstall back of case and secure with screw.



3. Gently push battery holder into body. Replace cover and screw on until fully sealed

Battery Powered M12 Connector Calibration use only 4(TxD) 3 (Not used) 5 (Earth Ground) 1 (Not used) 2 (RxD)

