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MAIN STEPS FOR AFLO-TTP SET-UP



NOTICE: ***TO ENTER THE MENUS, PRESS THE MENU KEY AND THE CORRESPONDANT NUMBERS. TO MOVE FROM A MENU TO ANOTHER, USE THE ARROW KEYS.***
BY PRESSING MENU 01, THE AFLO-TTP WILL DISPLAY THE MEASURING SCREEN.

SET-UP MENU

1. **DIGIT MENU 10:** Enter the pipe's circumference (only if the exact external diameter is unknown – MENU 11).
2. **DIGIT MENU 11:** Enter the pipe's external diameter (if it is unknown, enter the pipe's circumference – MENU 10).
3. **DIGIT MENU 12:** Enter pipe's thickness.
4. **DIGIT MENU 13:** Internal diameter is automatically calculated by the device.
5. **DIGIT MENU 14:** Insert the pipe's material.
6. **DIGIT MENU 16:** Enter the pipe's internal liner. If there is no liner, let the device set on "0".
7. **DIGIT MENU 20:** Enter the type of liquid inside the pipe.
8. **DIGIT MENU 23:** Enter the type of sensors to be used.
9. **DIGIT MENU 24:** Enter the sensors mounting method: Z, V, W, N.
10. **DIGIT MENU 25:** Check the transducers mounting distance. The device calculates the distance automatically basing on the data the user set.
11. **DIGIT MENU 31:** Select the flow rate measuring unit.
12. **DIGIT MENU 32:** Select the flow rate totalizer measuring unit.
13. **Now the sensors could be installed on the pipe,** by using the mounting kit. Remember to put some coupling grease on the mounting brackets, in this way the sensors will not loose grip to the pipe. Place the sensors at the distance which is displayed in MENU 25 and be careful about the position of UP and DOWN sensors.
    UP sensor is placed UPSTREAM, DOWN sensor is placed DOWNSTREAM.

DIAGNOSTICS

14. DIGIT MENU 90: Check the signal's strength and quality. Signal strength should be between 600 and 999.9, signal quality should be between 60 and 99
15. DIGIT MENU 91: Check that the TOM / TOS parameter is as close to 100% as possible (+ / - 3%).
If not, the user could displace one of the sensors a little bit away or closer.

TRANSFER OF AFLO-TTP RECORDS TO PC

Preparation: Handheld flow meter, data cable.
Connect the handheld flow meter to the computer using the data cable.
Turn on the device, navigate to menu M46, and check the address (it should be set to 1).
M62 Serial Port Settings: COM7, Baud Rate 115200, Parity NONE, Stop Bit 1.
M63: Set to 0 (Auto-detect).
Open the download software on the computer and configure the parameters (baud rate, etc.) to match the handheld flow meter's serial port settings.
Open the serial port (top right corner), click "Read Historical Data," and confirm the operation.
Click the "Save" button in the Excel section (bottom right corner).