FRONTMATEC

HOW TO CHANGE THE TRANSDUCER **IN YOUR TRANSDUCER ARRAY**

1. **Disassemble the array**
   - Set AutoFom on stand by and turn off the interface box
   - Remove the data cable from the transducer array and put a cap on the cable and a stopper in the bush
   - Remove all dirt from transducer array, do not use high pressure
   - Remove water and move array to a dry place
   - Disassemble the transducer array by removing all the Allen screws **(no.1)**
   - Put the lower part of the array halfway out and remove the data cable connection and the coax connection from the frontend board. The two parts can now be drawn apart completely

2. **Prepare the transducer**
   - Seal the transducer screw thread with Teflon tape, seal it against the direction the transducer is turned in when screwed in, approx 9-10 windings **(no. 2)**
   - Mount the red felt washer on the transducer over the Teflon tape **(no. 2)**

3. **Prepare scanner array**
   - Remove the coax cable from the defective transducer by retracting the cover on the plug
   - Use the special "T"-wrench to unscrew the defective transducer
   - Clean the hole in the scanner array for remaining old Teflon tap

4. **Change the transducer**
   - Place the new transducer extremely carefully to avoid damaging the threading on the transducer and in the array
   - Always turn transducer in the same direction untill the transducer is fully mounted - otherwise Teflon tape is no longer water-proof and the sealing process must be repeated **(no.2)**
   - Connect the coax cable on the sensor - there must be a small click. Then the cover around the plug must lock with the sensor. Change the transducer.

5. **Reassemble the array:**
   - Put the lower part of the array halfway on to the upper part and mount the data cable connection and the coax connection to the frontend board
   - Remount the Allen screws and tighten them from the center of the array and out.
   - Remount the array in the same position and perform a transducer test after starting up the system.

| 1 | 2 | 3 |

Sensors

Allen Screws

Data cable entry