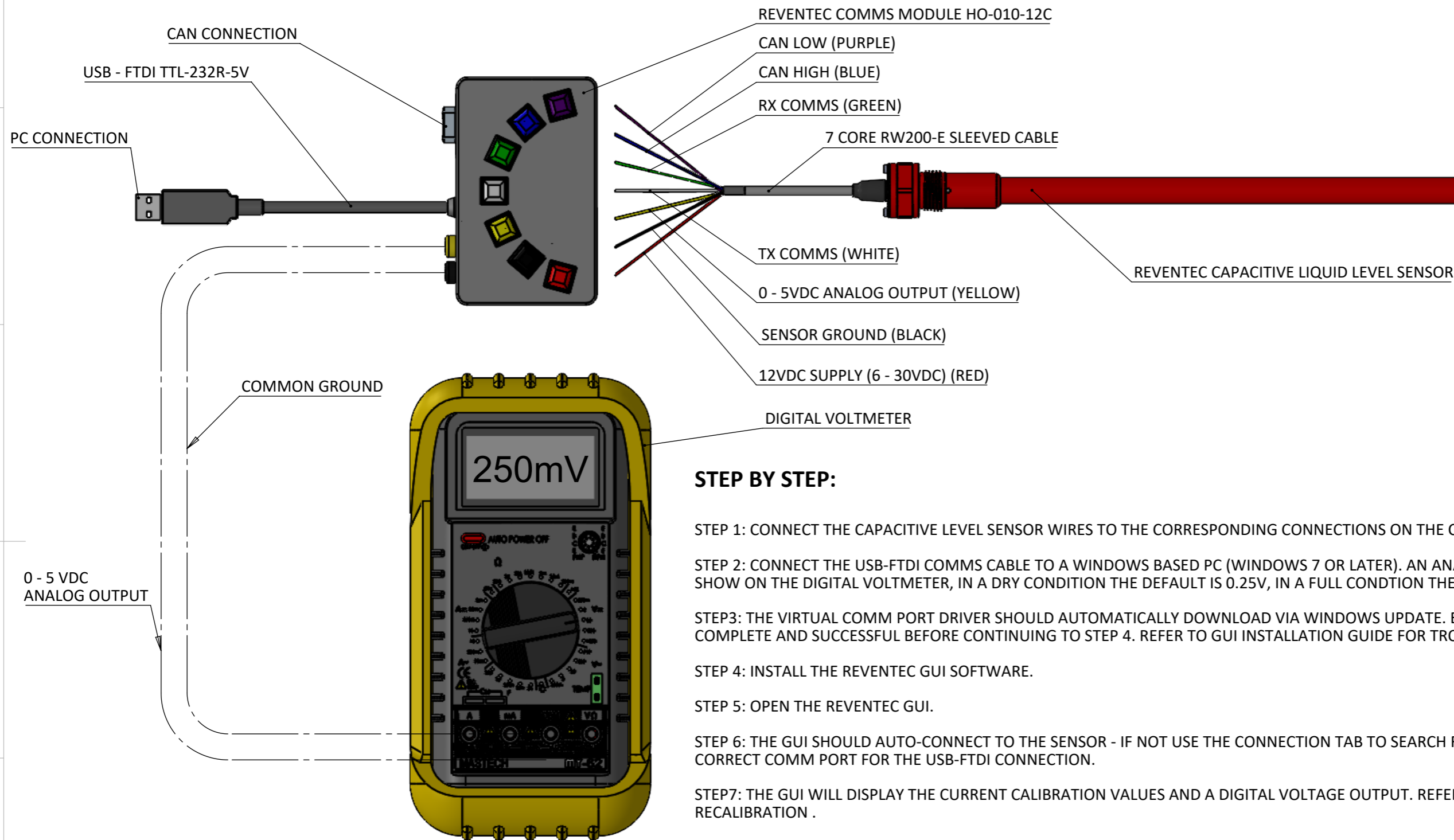


REVENTEC CAPACITIVE LEVEL SENSOR QUICK START GUIDE



STEP BY STEP:

- STEP 1: CONNECT THE CAPACITIVE LEVEL SENSOR WIRES TO THE CORRESPONDING CONNECTIONS ON THE COMMS MODULE
- STEP 2: CONNECT THE USB-FTDI COMMS CABLE TO A WINDOWS BASED PC (WINDOWS 7 OR LATER). AN ANALOG VOLTAGE OUTPUT WILL SHOW ON THE DIGITAL VOLTMETER, IN A DRY CONDITION THE DEFAULT IS 0.25V, IN A FULL CONDITON THE DEFAULT IS 4.75V.
- STEP3: THE VIRTUAL COMM PORT DRIVER SHOULD AUTOMATICALLY DOWNLOAD VIA WINDOWS UPDATE. ENSURE INSTALLATION IS COMPLETE AND SUCCESSFUL BEFORE CONTINUING TO STEP 4. REFER TO GUI INSTALLATION GUIDE FOR TROUBLESHOOTING.
- STEP 4: INSTALL THE REVENTEC GUI SOFTWARE.
- STEP 5: OPEN THE REVENTEC GUI.
- STEP 6: THE GUI SHOULD AUTO-CONNECT TO THE SENSOR - IF NOT USE THE CONNECTION TAB TO SEARCH FOR COMM PORTS. SELECT THE CORRECT COMM PORT FOR THE USB-FTDI CONNECTION.
- STEP7: THE GUI WILL DISPLAY THE CURRENT CALIBRATION VALUES AND A DIGITAL VOLTAGE OUTPUT. REFER TO USER GUIDES FOR SENSOR RECALIBRATION .

TROUBLESHOOTING:

- IF GUI FAILS TO CONNECT ENSURE THE VCP DRIVER HAS COMPLETED INSTALLATION. VIRTUAL COMM PORT DRIVER AVAILABLE @ <https://www.ftdichip.com/Drivers/VCP.htm>
- GUI DOWNLOAD LINK AVAILABLE FROM REVENTEC REPRESENTATIVES.
- ALL CAPACITIVE SENSORS ARE CALIBRATED FOR SPECIFIC FLUIDS. TESTING IN FLUIDS OTHER THAN THE CALIBRATED FLUID WILL CAUSE UN-PREDICTABLE RESULTS.
- IF SIGNAL IS HIGHER THAN EXPECTED ENSURE SENSOR IS CLEAN AND DRY BEFORE INITIAL CONENCTION. SEE USER MANUAL FOR CLEANING INSTRUCTIONS.A CLEAN DRY SENSOR WILL REPORT 0.25V.
- ENSURE DIGITAL VOLTMETER IS SET TO DC VOLTAGE.
- IF SIGNAL IS UNSTABLE ENSURE GROUND IS COMMON BETWEEN SENSOR AND VOLTMETER.
- IF NO SIGNAL IS PRESENT USE THE VOLTMETER TO ENSURE 12V IS PRESENT BETWEEN THE RED AND BLACK TERMINALS ON THE COMMS MODULE.
- ENSURE WIRING IS INTACT WITHOUT DAMAGE.
- IF FAULT PERSISTS CONTACT A REVENTEC ENGINEER FOR FURTHER HELP.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ±0.1 ANGULAR: ±0.1		FINISH: N/A	DEBUR AND BREAK SHARP EDGES	REVISION ISSUE 01	DESCRIPTION FIRST RELEASE	DATE 15.12.22	APPROVED JB
DRAWN	HS	SIGNATURE	DATE	TITLE: CAPACITIVE LEVEL SENSOR QUICK START GUIDE			
CHK'D	JB		15.12.22				
APP'V'D	NM		15.12.22				
MFG							
Q.A				MATERIAL: N/A	DWG NO.	QUICK START	
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