

CS Service Software

With the CS service software including the USB Modbus interface adapter, the FA 510 / FA 515 / FA 500 dew point sensors can be configured via laptop / PC. The following settings can be made via CS Service Software:



- Scaling of the 4...20 mA analog output
- Assignment of analog output parameters (e.g. 4...20 mA = 0...10 lbs/g/m³)
- Additional available units: °Ftd, g/m³, lbs/CF, ppmv/v, g/kg
- Reading out firmware version, serial number, date of the last calibration date
- One-point calibration (adjustment) of the sensors in the process. This requires a reference device
- Update of the sensor software (Firmware)
- Modbus settings such as Modbus-ID, Baud rate, Stopbit, Parity

<input type="button" value="Connect"/> <input type="checkbox"/> PowerOnReset	
Connection Status: disconnected	
Connected Device	
Type:	Dew Point: 0,00 °Ctd
Serial-Number:	Temperature: 20,00 °C
Software-Version:	Rel. Humidity: 0,0000 % rH
Hardware-Version:	
Calibration Date: 01.01.1970	Unit for Temperature: <input checked="" type="radio"/> °C <input type="radio"/> °F
Settings	
XML File: CS-Instruments\FA515(-80...+20°Ctd)\productionSettings.xml	<input type="button" value="Load"/> <input type="button" value="Get"/> <input type="button" value="Save"/> <input type="button" value="Set"/>
<input type="button" value="Sensor Settings"/> <input type="button" value="Interface Settings"/> <input type="button" value="Actual Values"/> <input type="button" value="Raw Values"/> <input type="button" value="Production Settings"/>	
Modbus Settings	
Enable: <input checked="" type="checkbox"/>	<input type="button" value="Get"/> <input type="button" value="Set"/>
ID: <input type="text" value="1"/> Baud: <input type="text" value="19200"/> Stop: <input type="text" value="1"/> Par: <input type="text" value="Even"/>	<input type="button" value="Get"/> <input type="button" value="Set"/>
Analog 4-20mA Settings	
4-20mA Value: <input type="text" value="NoSens"/>	
Scaling 4mA: <input type="text" value="0"/>	<input type="button" value="Get"/> <input type="button" value="Set"/>
Scaling 20mA: <input type="text" value="0"/>	<input type="button" value="Get"/> <input type="button" value="Set"/>
Error Behaviour: <input checked="" type="radio"/> Stay at limits (Upper Limit = 22mA, Lower Limit = 3,8mA)	

<input checked="" type="checkbox"/> CASxx <input type="checkbox"/> DP500 USB	
Dew Point: 0,11 °Ctd	Temperature: 27,61 °C
	Rel Humidity: 16,7147 % rH
Unit for Temperature: <input checked="" type="radio"/> °C <input type="radio"/> °F	
<input type="button" value="Device Info"/> <input type="button" value="Sensor Settings"/> <input type="button" value="Interface Settings"/> <input type="button" value="Actual Values"/>	
Sensor Location: <input type="text"/>	
Next Calibration Date: Freitag, 14. September 2018 05:01:52 <input type="button" value="Default"/>	
System Pressure Settings	
Enable ExtPres: <input type="checkbox"/>	
Relative System Pressure: <input type="text" value="6000"/> [mbar] resp. [hPa]	<input type="button" value="Set"/>
Absolute Reference Pressure: <input type="text" value="1013"/> [mbar] resp. [hPa]	
One Point Calibration	
Calibration Value: <input type="text"/>	<input type="button" value="Set"/>
Rel Hum Offset: <input type="text" value="0"/> [%rH]	<input type="button" value="Reset"/>
ChangeCounter: <input type="text" value="0"/>	

DESCRIPTION	ORDER NO.
CS Service Software incl. PC connection set, USB connection and interface adapter to the sensor	0554 2007