



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

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	Load Save Get Set
Sensor Settings Interface Settings Actual Values Raw Values Production Settings	
Modbus Settings	
Enable: <input checked="" type="checkbox"/>	Get Set
ID: 1 Baud: 19200 Stop: 1 Par: even	
Analog 4-20mA Settings	
4-20mA Value: NoSens	
Scaling 4mA: 0	Get
Scaling 20mA: 0	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	
Device Info Sensor Settings Interface Settings Actual Values	
Sensor Location:	Set
Next Calibration Date: Freitag, 14. September 2018 05:01:52	Default Set
System Pressure Settings	
Enable ExtPres: <input type="checkbox"/>	
Relative System Pressure: 6000 [mbar] resp. [hPa]	Set
Absolute Reference Pressure: 1013 [mbar] resp. [hPa]	
One Point Calibration	
Calibration Value: [] [°Ctd]	Set
Rel Hum Offset: 0 [%rH]	Reset
ChangeCounter: 0	

DESCRIPTION

CS Service Software incl. PC connection set, USB connection and interface adapter to the sensor

ORDER NO.

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