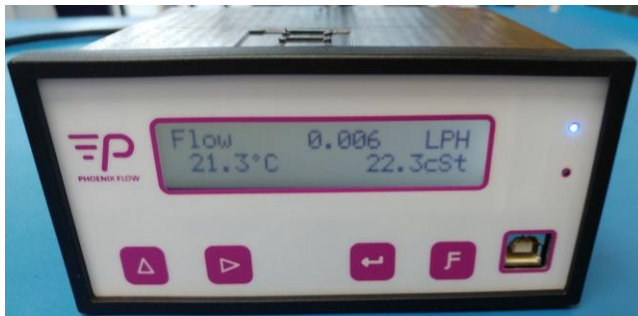




PFD 900 Display



Features

- 2 line 20 character backlit configurable display
- Flow Rate and Flow Total as primary functions
- Pulse, Magnetic, RF, Reedswitch input
- USB interface for PC communication (logging and configuration)
- 0 – 100kHz Frequency input
- High speed processing (1ms latency) using DSP/90MIPS
- Up to 20 point flow curve linearization
- Up to 5 programmable and user selectable temperature viscosity curves for using the same flowmeter on different fluids
- Up to 5 programmable and user selectable temperature density curves for mass calculations
- 0 - 4kHz 18 bit Frequency output
- Configurable Alarm set points (Red front LED and Relay Output)
- 9-36VDC PSU (30mA at 24VDC)
- On board data logging or data logging via USB PC Interface

FP PFD900 Configuration Utility

Tools

Display Configuration Meter Data Fluid Data Data Logging Display Calibration

Label	Value	Point	Frequency	KFactor
Label	Test Rig 1 Flowmeter	1	1	1000
Unit	LPH	2	2	1002
Update	1	3	3	1003
Cutoff	1	4	4	1004
Timebase	60	5	5	1005
Minimum Frequency	0.5	6	6	1006
Mode	Temperature Compensated	7	7	1007
High Alarm	99	8	8	1008
Low Alarm	1	9	9	1009
Alarm Mode	Flowrate	10	11	1010
		11	22	1011

Options

- 2x 20-bit Configurable DAC1220 Analogue Outputs (0-10V/4-20mA)
- 2x 16-bit Configurable ADS8325 Analogue Inputs (0-10V/4-20mA)
- Temperature Compensation using 3/4 wire PT100 RTD or 0-10V/4-20mA Input
- 2x Relay outputs
- 230VAC PSU
- CAN Open/ Modbus
- A-B/A+B or custom functions
- *Rapid development for customer specific applications*

FP PFD900 Configuration Utility

Tools

Display Configuration Meter Data Fluid Data Data Logging Display Calibration

	Value	Log
Frequency	0	<input type="checkbox"/>
Volume Rate	0	<input type="checkbox"/>
Mass Rate	0	<input type="checkbox"/>
Volume Total	163.5339	<input type="checkbox"/>
Mass Total	0	<input type="checkbox"/>
PT100 Temperature	21.9911	<input type="checkbox"/>
Analogue Input 1 Value	4	<input type="checkbox"/>
Analogue Input 2 Value	24	<input type="checkbox"/>
Viscosity	22.9911	<input type="checkbox"/>
Density	0	<input type="checkbox"/>
K Factor	3274.504	<input type="checkbox"/>
Frequency/Viscosity	1.099188	<input type="checkbox"/>

Stop Live

Sample Rate (s)

1

Start Log