



CONTOIL® DFM-BC

Differential measurement computer with display for fuel consumption calculations



The CONTOIL® DFM-BC is the suitable computer and display, which covers all direct and differential applications in fuel metering. It can be used for all available flowmeter sizes.

Features

- Large LCD screen with back-Light
- Easy electrical connections
- Simplified programming
- Data stored in EEPROM
- Shock resistant
- IP 54

Benefits

- User friendly
- Flexibility for different needs
- Compact design
- Many possibilities for installation
- Solid, resistant and long term robustness
- Suitable for all fuel metering and management applications

Advantage

From one display you have the overview about all conditions on your system. The intuitive menu will lead you to your information.

Parameter	Value / example	Benefits
Total Consumption	12456897 l	Shows you the consumption since the commissioning.
Trip	142.50 l	Shows you the consumption since the last zeroing. It is useful for knowing what is the daily consumption or the consumption for one particular order.
Current fuel	54,4 l/h	If I drive with this gear and this acceleration, what will be the consumption current fuel flow?
Auxiliary connection	ml/signal	Send the signal (consumption) to a GPS or to a Fleet Manager.
Setting optimisation (password protected)	0.28 %	Possibility for individual optimization of calibrations factor of sensor or typical application influences.
Configuration Log	Readable format	All the information about the configuration of the system at a glance. All changes are stored in a readable format with date and time stamp for a perfect traceability.
Error Log	Readable format	If an error would happen, the cause of the error will be stored with date and time stamp.

Supply line flow sensor

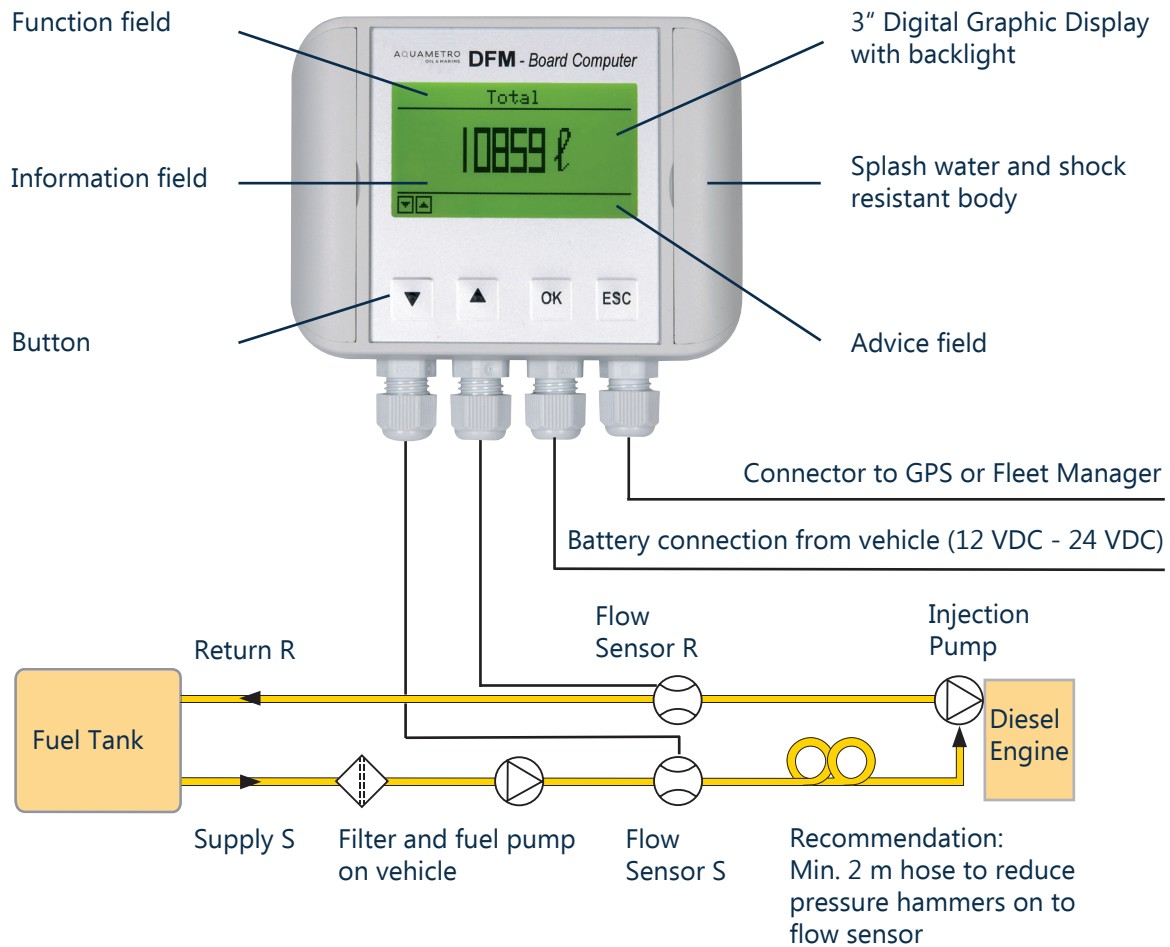
Parameter	Value / example	Benefits
Total volume	23457892 l	Shows you the total volume for the supply line since commissioning.
Trip	1142.50 l	Shows you the total volume for the supply line since zeroing.
Current fuel flow	124,4 l/h	Shows you the actual fuel flow for supply line.
Operation hours	132435 h	Shows you the operation hours for supply line.

Return line flow sensor

Parameter	Value / example	Benefits
Total volume	11457892 l	Shows you the total volume for the return line since commissioning.
Trip	842,50 l/h	Shows you the total volume for the return line since zeroing.
Current fuel flow	61.4 l/h	Shows you the actual fuel flow for return line.
Operation hours	132435 h	Shows you the operation hours for return line

Application

An example about how you get full benefit out of the DFM-System.



Technical notes

The CONTOIL® DFM-BC must be connected direct to the battery to ensure a correct function according to the specifications.

	VDC	Pulse width min.	Current max.	Frequency max. (Hz)
Input 1	12 to 24	20 ms	15 mA	15
Input 2	12 to 24	20 ms	15 mA	15
Auxiliary out	12 to 24	20 ms	15 mA	15
Power supply	12 to 24			

Ordering information

For selection of the CONTOIL® DFM-BC as well as the most suitable single and double chamber flowmeters and the available installation material, please check the corresponding technical documentation for flow meters.



PIC Engineering And Services (002110838-X)

No. 72, Jalan Keluli AN7/AN,
Pusat Perniagaan Bukit Raja, Seksyen 7 40000
Shah Alam, Selangor D.E., Malaysia

Tel: +6019 338 8819 Fax: +603 3343 8819
Email: sales@picengineering.com.my
Website: www.picengineering.com.my

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