



## 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

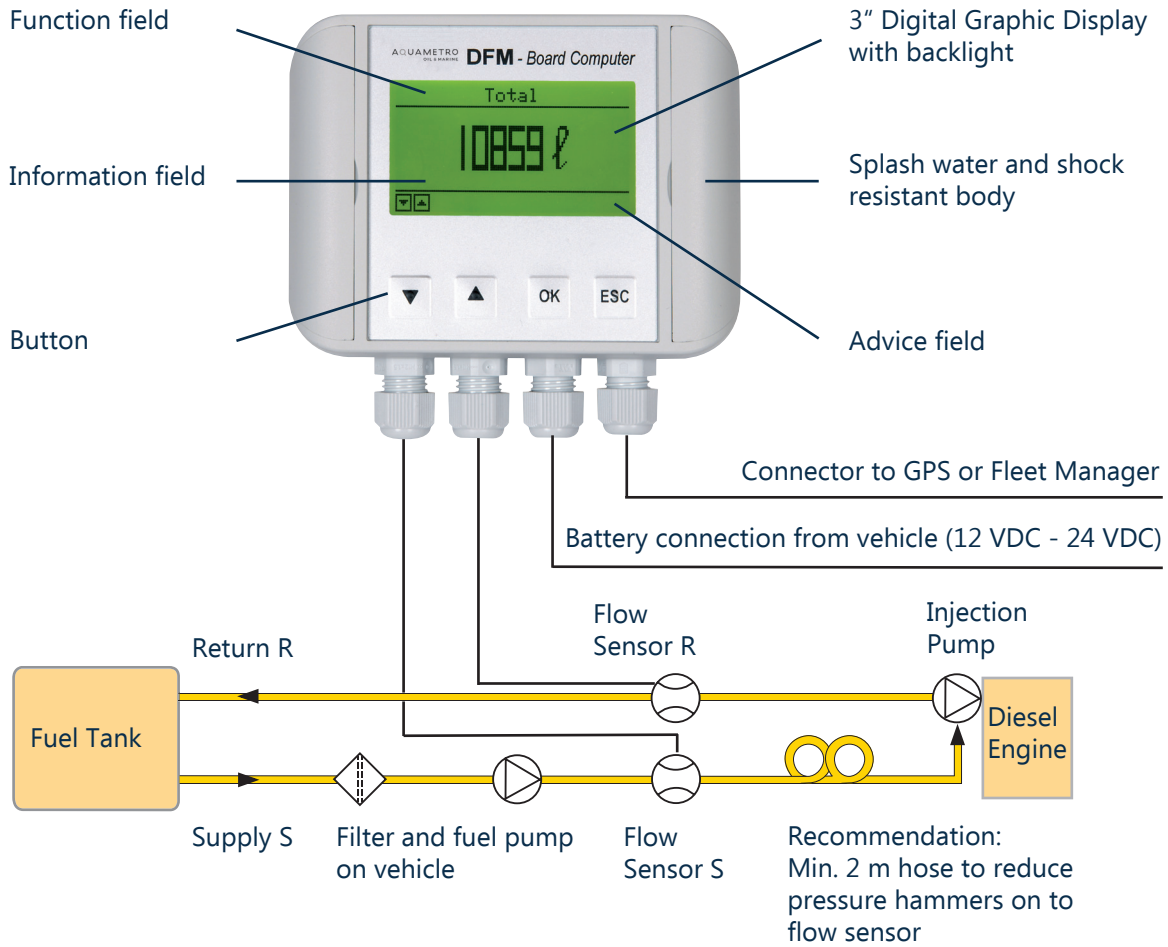
Parameter	Value / example	Benefits
Total volume	23457892 l	Shows you the total volume for the supply line since commissioning.
Trip	1142.50 l	Shows you the total volume for the supply line since zeroing.
Current fuel flow	124,4 l/h	Shows you the actual fuel flow for supply line.
Operation hours	132435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

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