

Purpose

DFM autonomous fuel counters are designed for fuel consumption measurement and operation time monitoring of diesel engines, diesel generators, oil boilers and burners. Results of measurement are shown on LCD display – 17 information screens. Autonomous fuel counters are used as stand-alone solution for fuel monitoring without a need of additional equipment or software.



Differential fuel counter



One-chamber fuel counter

Advantages

- Fuel monitoring system with no monthly fees
- External power supply not needed
- Setting-up not needed
- Complies with European automobile standards
- Embedded mud filter
- Protected from unauthorized interference and tampering
- Detailed installation manual

Tasks

- Fuel consumption monitoring
- Fuel theft prevention
- Optimization of machinery operation modes
- Updating fuel consumption quotas
- Machine running time tracking

General specification

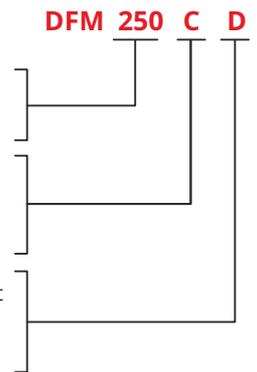
Measurement range 1 – 600 l/h
 Max pressure 25 bar
 Kinematic viscosity of fuel 1.5 – 6.0 mm²/s
 Operation temperature range – 20...+60 °C
 Ingress protection rating IP 54

Models designation

Max flow rate, l/h
 50, 100, 250, 500, 600

Information on display:
 B – basic functionality
 C – expanded functionality

Attribute meaning differential measurement principle:
 D – differential



Display information screens	One-chamber fuel counters	Differential fuel counters
Instant fuel consumption	+	+
Instant consumption in direct and reverse chambers		+
Total fuel consumption	+	+
Fuel consumption in tampering mode	+	+
Total “negative” fuel consumption		+
Engine operation time	+	+
Engine operation time in idle mode	+	+
Engine operation time in optimal mode	+	
Engine operation time in optimal mode	+	
Interference time	+	+
Temperature in measuring chamber	+	