

FUEL CONSUMPTION METER MD-K4 TYPE

ADVENTAGES

- generality
- high measurement precision
- innovate of construction
- high reliability
- cooperation with counter with impulse input
- easy installation
- protection before interference of outsiders

Meter is designed for precise measurement of fuel consumption by combustion engine with self-ignition.

Wide measuring range, compact construction and differential measurement method cause that fuel set MD-K4 fulfills requirements of modern metering of motive units which are equipped in high-pressure injection systems.

The measurement of flow rate is realized by volume flowmeters (I)
Output signal is subjected to processing in electronic module ME (II).

In processing time dates about parameters of fuel and flowmeters, which change during the engine working, are take into account.

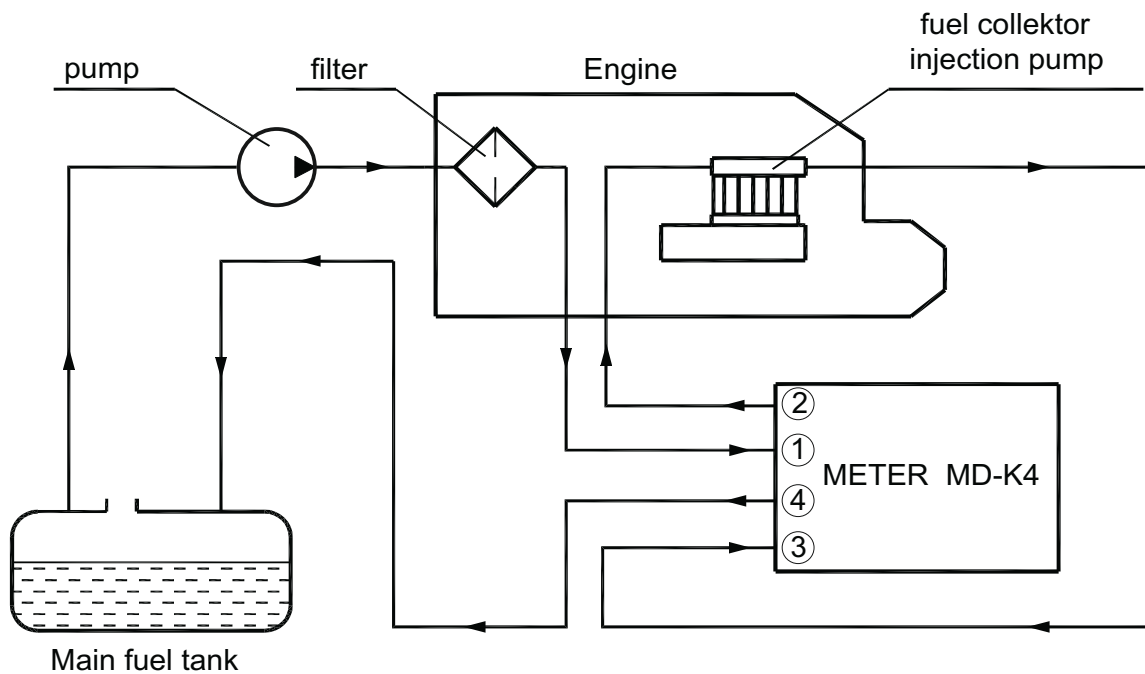
The result of measurement is recalculated to fiducial temperature 15oC and after supplying to Fleet Manager or another counter can be transformed.

The result can be display on screen or as printout etc.

The fuel set is also equipped in ball valves (III). The ball valves make possible switching of fuel cycle and continuation of engine working in case of failures of measuring transducers.

The fuel set is protected by metal casing. The metal casing is protected by powder painting.

DEVICE'S WAY OF ACTING



TECHNICAL DATES

Type		MD – K4
Measuring range	Q min	120 dm ³ /h
	Q max	1600 dm ³ /h
Average accuracy of measuring		1,5 %
Max working temperature		75 °C
Temperature of storage		-10 ÷ 50°C
Max working pressure		1 MPa
Supply voltage		12 ÷ 24V DC max 70mA
Impulse output		Transistorized output (open collector) 45V 500mA
Alarm output		Transistorized output (open collector) 45V 500mA
Dose on impulse		0,02 dm ³
Mass		33 kg
Dimensions		460 x 370 x 310
Building method		Vertical