



Series 6622 : Fuel Consumption Meter

High accuracy oscillating piston flow meters with in-line air eliminator for Cummins PT Engines



Introduction

The Series 6622 fuel consumption monitor is a compact fuel flow measurement system specially designed to suit Cummins engine utilizing PT technology. The 6622 is most suitable for monitoring fuel consumption of stationary equipment like compressor, pump sets, gensets.

The return line of the engine is routed through the air eliminator manifold which efficiently removes entrained gas within fuel and joins the engine suction line thereby enabling record of direct consumption of fuel.

Features

- Single flowmeter to measure consumption
- Wide operating range between 12-600 LPH
- Guaranteed accuracy of $\pm 0.5\%$ of reading for net fuel consumed
- Works on 1.2 metre head negative and positive
- Sturdy mounting brackets to withstand vibrations
- Weatherproof and Flame proof enclosure for display transmitters
- Variety of output options
- Self-powered option
- Built-in reusable 149-micron filter for protection
- Capacitive touch interface with LCD backlight enabled

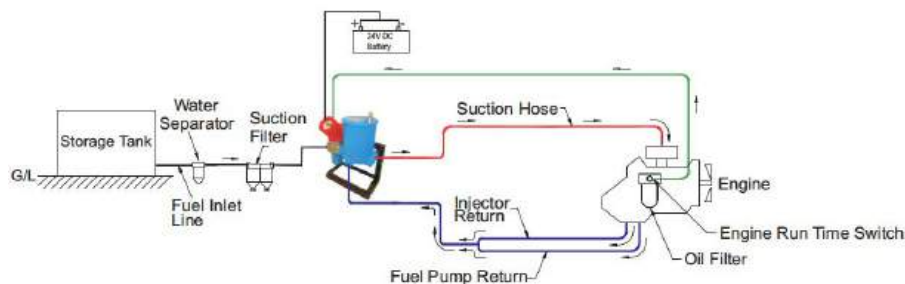
Technical Specifications

Size and range	DN15: 8-800 LPH
Metrological data	Accuracy – $\pm 0.5\%$ m.v., Option – $\pm 0.25\%$ Repeatability – Better than $\pm 0.1\%$
Power Supply	DC 18-26 V/ AC 85-275 47-63 Hz/ 3.3 VDC self powered options
Design Temperature	Integral display - 80 deg C Remote display - 150 deg C
Design Pressure	10 bar
Materials	Flowmeter, air eliminator – Aluminum LM04 Piston – PEEK Elastomers – FKM/BUNA-N
Output Options	Modbus/RS485 4-20 mA, HART GSM wireless Pulse
Connections	Std. BSPF, Option. NPTF Inlet – 1/2 inch BSPF, Outlet and return – 1 inch BSPF
Mounting	2 nos. Holes for 12 mm fasteners

Applications

- Diesel generators
- Marine engines
- Mobile compressor, generators

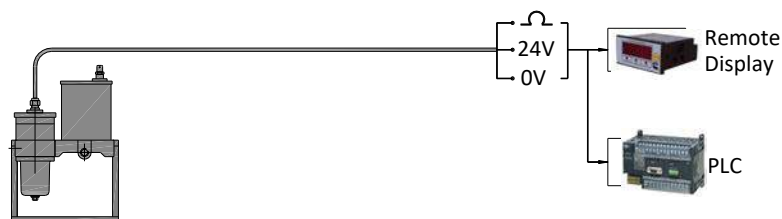
Installation Drawing



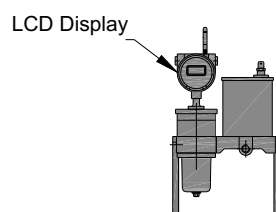
Application Variants

6622 Output Options:

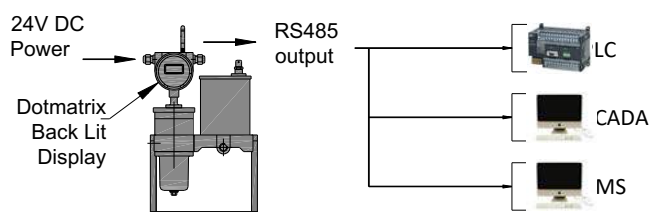
Pulse Output



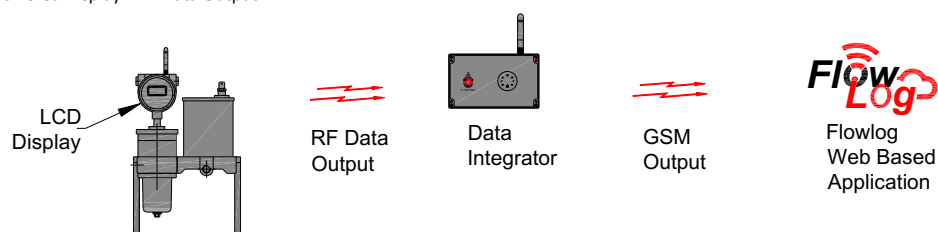
Self Powered Display



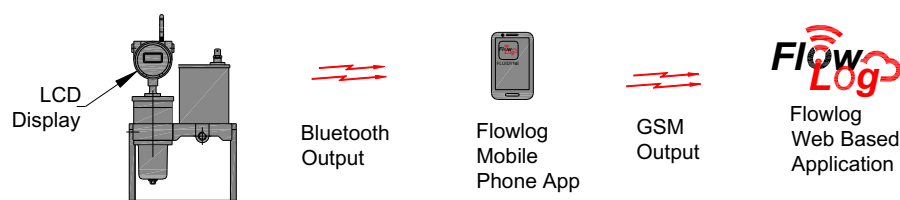
DC Powered Display + RS485 Serial Output



Self Powered Display + RF Data Output



Self Powered Display With Bluetooth Data Output



DC Powered Display + GSM Wireless Data Output

