

HIGH ACCURACY FUEL FLOW SENSOR (0.5-100 LITRES PER HOUR)

FEATURES

- ◆ High $\pm 0.5\%$ Accuracy
- ◆ High $\pm 0.03\%$ Repeatability
- ◆ Flow rate from 0.5 to 100 Litres per Hour (0.13 to 26.42 US Gals per Hour)
- ◆ $\frac{1}{4}$ " G Threaded Ports
- ◆ $-40\pm^{\circ}\text{C}$ to $80\pm^{\circ}\text{C}$ Operating Temperature
- ◆ K factor = 1000 pulse per Litre
- ◆ IP67 Rated
- ◆ Aluminium 6061 Construction

Oceanic Systems 5721 High Accuracy Fuel Flow sensor offers the user a very high accuracy and repeatable fuel flow sensor.

This sensor is designed to be used with the 5720 Flow Adaptor Module that converts the sensor output to standard NMEA2000® liquid flow PGN messages for display on any suitable network display.

It has a compact footprint with standard $\frac{1}{4}$ " G (BSP) threaded flow ports for easy installation.

The unit will measure fuel flow and, if used with a similar unit to measure flow being returned to the tank, forms the basis of a very accurate fuel usage measurement system.



HIGH ACCURACY FUEL FLOW SENSOR

Part Number 5721

1/4" DIGITAL FLOW METER

Material of construction

Meter Body	Aluminium (6061)
Rotor	PPS
Seals	FKM (Viton)

Design Specifications

Process Connections 1/4" G Thread

Technical Specifications	Min	Max	
Flow rate			
< 5cPr	2	100	L/hr
	0.53	26.42	GPH
> 5cP	0.5	100	L/hr
	0.13	26.42	GPH
Non lubricating fluids	6	100	L/hr
	1.59	26.42	GPH
Operating Temperature Range**	-40	80	°C
	-40	176	°F
Accuracy (±%)	±0.5%		
Repeatability (±%)	±0.03%		
Nominal KFactor	1000 Pulses/Litre		
	3,786.44 Pulses/Gallon		

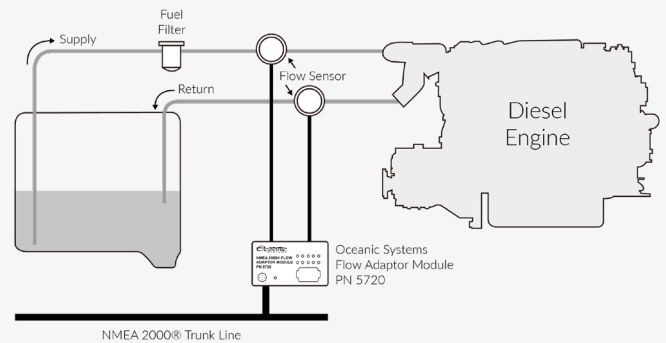
Standard Pulse

Construction	Aluminium
IP Rating	IP67
Temp	Min: -40 Max: 120 °C Min: -40 Max: 248 °F
EX Approvals	Please refer to instruction manual and certification documentation for product appropriate certification information

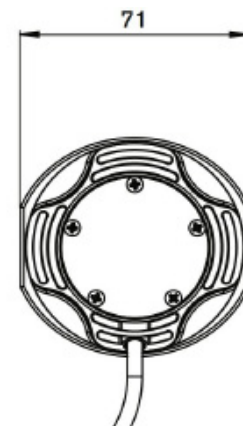
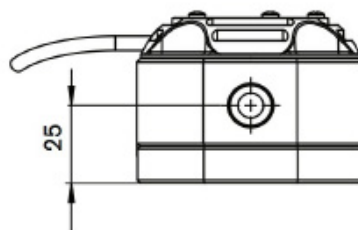
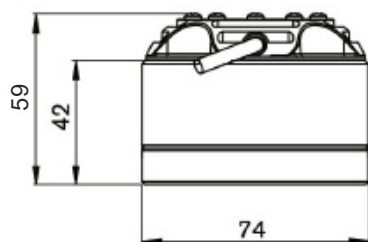
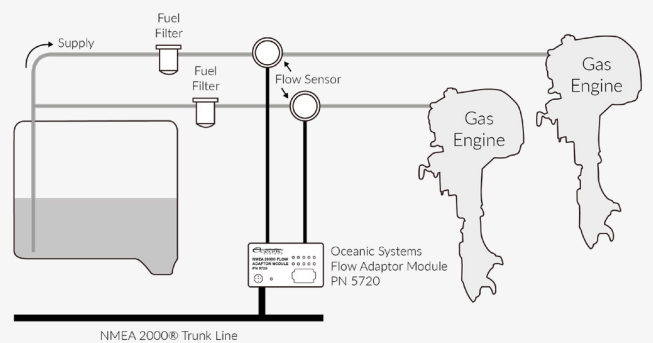
Output

Pulse/Transistor Output Open - Collector NPN 7.5 mA, 4.5-24VDC

Diesel Engine Fuel Flow Monitoring



Gas/petrol Engine Fuel Flow Monitoring



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