NMEA2000® FLOW ADAPTOR MODULE

- Up to 2 flow-meter inputs
- Fuel temperature compensation for greater accuracy
- Accepts quadrature signals to detect reverse flow
- User configurable K-Factor for greater sensor compatiblity
- Bunkering mode measures total fuel flow
- Live mode calculates ongoing fuel usage from flow and return sensors
- Robust environmentally protected enclosure and connections
- Tri-colour LED shows status and network activity
- NMEA2000® network or Bluetooth(tm) setup

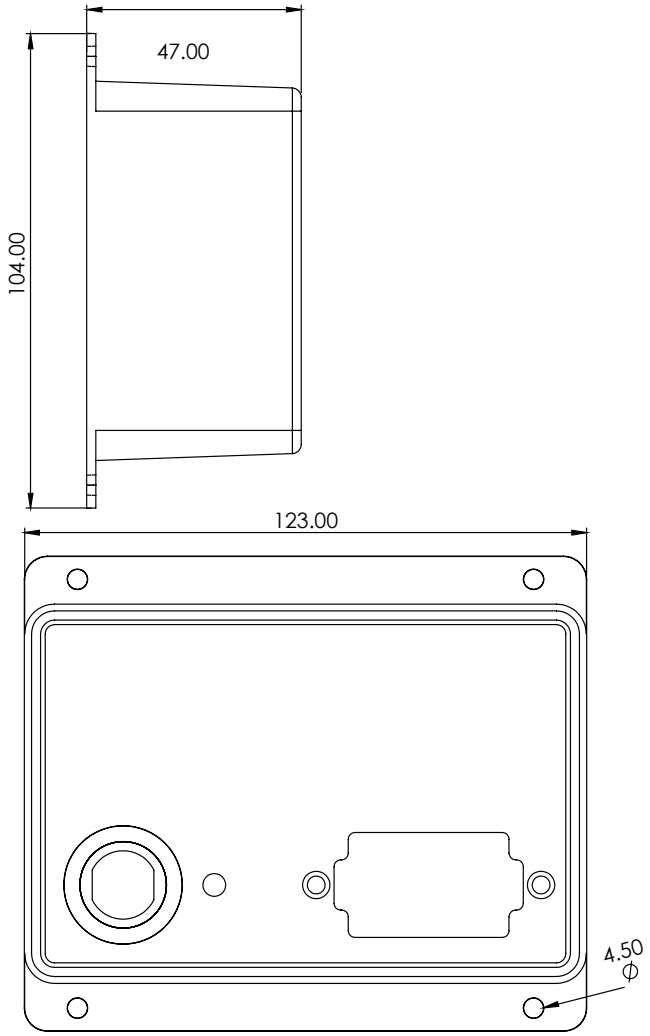
The Oceanic Systems 5720 Flow Adapter Module is designed to report fuel flow and usage over the NMEA2000® network using positive displacement flow meters.

These high accuracy sensors connect directly to the 5720 using IP68 rated standard Deutsch connectors (mating connector kit available separately as pn 5099). The 5720 is compatible with sensors having a single pulsed output as well as those with a 2-phase quadrature output (for cases where reverse flow must be considered). Additionally high accuracy PT100 temperature compensated sensors are fully supported.

As required, the 5720 may be set up to measure two individual flow rates, consumption data based on flow and return rates or total fluid transferred. This configuration along with sensor parameters and network instances may be made to the flow adapter over the NMEA2000® or by Bluetooth™ using the Oceanic Systems mobile configuration app available for Apple and Android devices.

NMEA2000® Flow Adaptor Module
Part No. 5720

Unit Dimentions



Certifications	
Parameter	**Comment**
NMEA2000	Level B
Maritime Nav and RadioComm Equipment	IEC60945
CE and FCC	Electromagnetic Compatibility

NMEA2000® PARAMETER GROUP NUMBERS (PGNS)		
Type	**PGN No**	**PGN Name**
Monitor	PGN127489	Engine Parameters, Dynamic
	PGN127497	Trip Fuel Consumption, Engine
	P GN130316	Temperature, Extended Range
Protocol	PGN126464	Tx/Rx PGN List
	PGN126996	Product Information
	PGN059392	ISO Acknowledge
	PGN059904	ISO Request
	PGN060928	ISO Address Claim

Electrical and Mechanical		
Parameter	**Value**	**Comment**
CAN Operating Voltage	9 to 32 Volts	
Power Consumption	30mA	Average Operating
Load Equivalence Number	1	LEN
Size	123 x 104 x 47	mm

Environmental	
Parameter	**Value**
IEC 60954 Classification	Protected
Degree of Protection	IP67
Operating Temperature	-25°C to 50°C
Storage Temperature	-40°C to 70°C
Relative Humidity	93%RH @40° per IEC60945-8.2
Vibration	2-13.2Hz @ ±1mm, 13.2-100Hz @ 7m/s2 per IEC 60945-8.7
Electromagnetic Emission	Conducted and Radiated Emission per IEC 60945-9
Electromagnetic Immunity	Conducted, Radiated, Supply, and ESD per IEC 60945-10

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