

## NMEA2000 Hydrostatic Side Mount Tank Level Sender



- Volumetric or level output
- High  $\pm 2.5\%$  fsd accuracy
- No moving parts to stick or fail
- Easy to install
- Tank depths from 0.5 to 4Mtr
- Up to 16 of each tank sender type on a single network
- NMEA2000® network standard
- 303 stainless steel wetted parts

Offshore Dynamics' new Hydrostatic Side Mount Tank Level Senders provide accurate Volumetric Tank contents information to the NMEA2000® network.

The 4272 Sender is for Fuel Tanks, and the 4282 Sender is for Fresh Water Tanks.

The fuel and freshwater senders have stainless steel wetted parts for durability and to resist corrosion.

They are available with a range of attachment threads to suit most applications including  $\frac{1}{4}$ " BSP, SAE J1926-1-4 and M12. The senders have a user settable device instance (address) switch to make installation easy and to allow up to 16 senders of each type on a single network.

The units are manufactured to the NMEA2000® standard and attaches to the network with a single micro C plug on a 1 metre cable tail. Each sender draws less than 50mA from the network.

# NMEA2000® Hydrostatic Side Mount Tank Level Sender

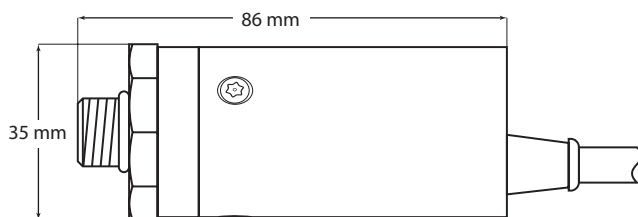
## Part No's: 4272 Fuel, 4282 Fresh Water

### Hydrostatic Side Mount Tank Level Sender Thread Variants and Part Numbers

Fuel sender part number  
 4272-1 1/4 BSP  
 4272-2 SAE J1926-1-4  
 4272-3 M12

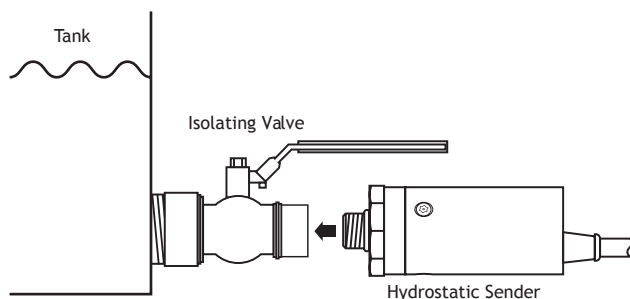
Fresh Water sender part number  
 4282-1 1/4 BSP  
 4282-2 SAE J1926-1-4  
 4282-3 M12

#### Unit Dimensions



#### Suggested application method

It is recommended that the Tank and Hydrostatic Sender is separated by an isolating valve.



Specification	
Accuracy	± 2.5% fsd @ 1-4m
Number of Tanks	up to 16
Certification	
NMEA2000	Level B+
Maritime Navigation and Radiocommunication equipment	IEC 60945
CE Mark and FCC	Electromagnetic Compatibility
NMEA PGNs	
Periodic	PGN127505 Fluid Level
Requested	PGN126996 Product Info
Protocol	PGN059392 ISO Acknowledge PGN059904 ISO Request PGN060928 ISO Address Claim PGN065240 ISO Commanded Address PGN126464 PGN List PGN126208 Complex Request
Electrical	
Operating Voltage	9 - 32 Volts DC
Power Consumption	<50mA
Load Equivalence	1 LEN
Reverse Battery	Protected
Load Dump	Protected
Mechanical	
Body Size	86mm x 35mm x 35mm
Weight	TBA
Mounting	¼" NPT, ¼" BSP, M12 thread
Environmental	
IEC 60945 Classification	Protected
Protection	IP40
Operating Temperature	-10C to +50C
Storage Temperature	-10C to +50C
Relative Humidity	93%RH@40C per IEC60945-8.2
Corrosion - Salt mist	As per IEC 60945-8.12
Electromagnetic Emission	Conducted and Radiated as per IEC 60945-9
Electromagnetic Immunity	Conducted, Radiated, Supply and ESD per IEC 60945-10

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