



NMEA2000® Fuel Level Sender



- **High $\pm 2\%$ Accuracy**
- **No moving parts to stick or fail**
- **Detects Water in Fuel**
- **Suits Tank Depths from 250mm all the way up to 3Metres!**
- **Up to 16 fuel senders on a single network**
- **Easy to Install**
- **Standard 5 bolt Mounting or 1.25" BSP threaded**
- **Robust Stainless Steel Construction**
- **NMEA2000® Certified**



The 3271 NMEA2000® Fuel Level Sender provides a $\pm 2\%$ accurate fuel level to the NMEA2000® marine network.

It is robustly constructed in stainless steel with no moving parts to stick or fail in service. It is easily cut to length to suit tank depths from 250mm to 2 metres and is self calibrating at power on.

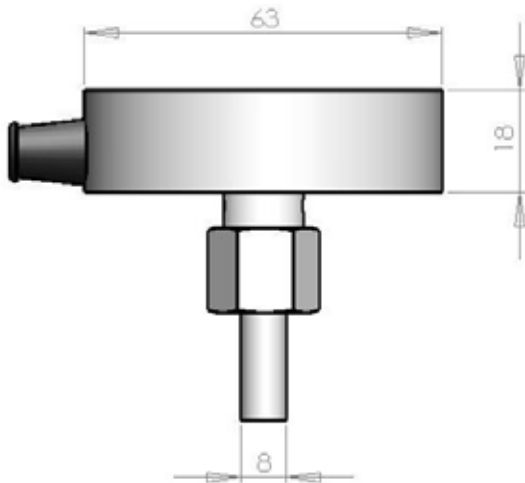
The sender constantly monitors the fuel for any water contamination and warns if any is found to protect the engine from expensive damage.

It is easily fitted in the fuel tank using the industry standard SAE 5 bolt fitting or a 1.25" BSP threaded mount. Up to 16 Fuel Level Senders can be connected to a single network and the sender number is simply selectable at installation by means of the small rotary switch.

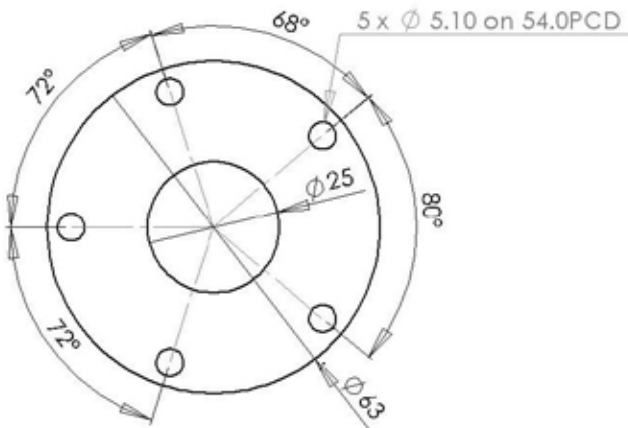
It is certified to the NMEA2000® network standard and attaches to the network using a single "Micro" plug. It draws less than 50mA from the network.

NMEA2000® Fuel Level Sender

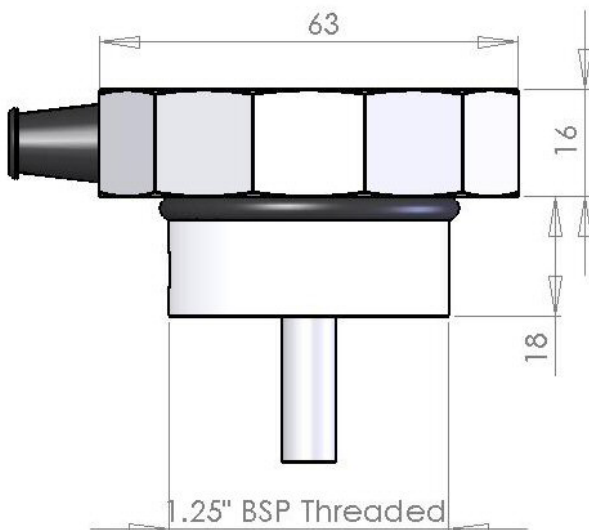
Part Nos: 3271-500, -1000, -1500, -2000, -2500 & -3000



3271-xxxx SAE 5 bolt mounting unit dimensions



3271-xxxx SAE 5 bolt mounting hole Diagram



3271T-xxxx 1.25" BSP threaded unit dimensions

Specification	
Accuracy	± 2%
Number of Tanks	up to 16 on a single network
Certification	
NMEA2000	Level B+
Maritime Navigation and Radiocommunication Equipment	Tested to 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 Address Cmd PGN126208 Complex Request
Electrical	
Operating Voltage	9 - 30 Volts DC
Power Consumption	<50mA
Load Equivalence	1 LEN
Reverse Battery	Protected
Load Dump	Protected
Mechanical	
Body Size	63mm Diameter 19mm High
Probe Lengths	0.5, 1, 1.5, 2, 2.5 & 3 Metre
Weight	Approx 450 gms
Mounting	SAE standard 5 bolt or 1.25" BSP threaded
Environmental	
IEC 60954 Classification	Exposed
Protection	IP65
Operating Temperature	-25C to +55C
Storage Temperature	-40C to +70C
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

The inclusion of any vessels in any picture does not infer that their manufacturer endorses this product. Our policy is one of continuous product improvement so product specifications are subject to change without notice. Our products are designed to be accurate and reliable, however, they should only be used as aids to the safe management of the boat and not as a replacement for traditional aids and techniques.

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Offshore Systems (UK) Ltd

Unit 11 Milton Business Park, Wick Drive,
New Milton, Hampshire, BH25 6RH, United Kingdom
Tel: +44(0)1425 610022 Fax: +44(0)1425 614794
Email: mail@osukl.com Web: www.osukl.com