

.STHPT604-B submersible fuel level sensor is a type of device used to measure the level of fuel in a storage tank, typically for use in vehicles, boats, or industrial equipment. The sensor is designed to be fully submerged in the fuel, allowing for accurate readings even when the tank is nearly empty. One of the key advantages of HPT604-B submersible fuel level sensors is their ability to provide accurate and reliable measurements, even in harsh environments. They are typically resistant to fuel and other chemicals, and can operate at a wide range of temperatures and pressures.

Level range	0-0.5m.....500m H2O/ 0-0.05 Bar.....50 Bar						
Overload	150% F.S.						
Burst Pressure	500% F.S.						
Accuracy	≤ ±0.5%F.S(Typical); ≤ ±0.25%F.S (by customized) @25 degree C						
Long-term Stability	≤ ±0.1%F.S. of span/year						
Working Temp.	-40°C~80°C(non-corrosive medium)						
Storage Temp.	-40°C~80°C(Nitrile rubber sealing ring); -20°C~80°C(fluororubber rubber sealing ring)						
Temperature Compensation	0°C~80°C						
Medium compatible	Compatible with 316L Stainless Steel						
Electronic Wire	2 Wires		3 wires				4 Wires
Output	4-20mA	4-20mA+Hart	0-5V	0-10V	0.5-4.5V	Dual 4-20mA	RS485
Power Supply	7-30Vdc	12-30Vdc	8-30Vdc	13-30Vdc	5Vdc	12-30Vdc	3.5-36Vdc
Electronic connection	Fixed cable with vented tube and water proof IP68						
Response time	≤10 ms						
Pressure Type	Gauge pressure; Sealed gauge and absolute optional.						
Cable optional	PE Cable (Water Proof) ; PU Cable (Oil/Fuel Proof) ; FEP Cable (Anti-Corrosive)						

Wide Measuring Range
0-500m can be customized

High Protection
IP68 high protection

High Precision
 $\pm 0.5\% \text{F.S}$



Removable Structure
Anti-clogging

Fast Response
 $\leq 10\text{ms}$

All welded 316L stainless steel construction



0 Leakage

Benefit: IP68 waterproof, safety, long time use in harsh environment

Imported Chips

0.5%F.S(typical)
0.25%F.S(customized)

Benefit: Accurate measurement



Industrial Circuit Board



Small temp drift

Benefit: Good stability, reduced downtime and maintenance costs

