



STHPT604-FW is full sealed submersible level transducer. Users can select different versions to detect water presence, fuel level and fuel temperature. It is made by high stable and reliable piezo-resistive pressure sensor with water detect sensors and high accurate circuit board into the stainless steel housing Integrated conductivity sensor and standard signal provide the user easy and convenient application in the local working place. The special cable connected with housing, can be immersed into the media for a longtime.

Level range	0m~0.5m~20m Optional
Pressure Type	Gauge/Relative pressure type(Typical); Absolute pressure Optional
Overload	150%F.S Rated
Water Existence alarm Output	ohm, or PNP switch, or NPN switch signal output optional.Water detection signal: ohm signal (When $\geq 100\ \Omega$, it means that water has been detected, and 0 ohm means no water exists).
Fuel Level Output	4-20mA, 05V, 0-10V, RS485 MODBUS RTU
Power Supply	7-30VDC, 8-30VDC
Accuracy	0.5%F.S, 0.25%F.S, 0.1%F.S optional
Long-term Stability	0.15%FS/year
Zero temp. drift	$\pm 0.02\%FS/^{\circ}C$
Sensitivity temp. drift	$\pm 0.02\%FS/^{\circ}C$
Temperature Compensation	0~50 $^{\circ}C$ (Typical); -10~60 $^{\circ}C$ (by customized)
Medium Temp.	-30...70 degree C
Load Resistance	Current: $(U-12)/0.02(\Omega)$
Intrinsic safety Certificate	Exia IICT6
IP rating	IP68



316L STAINLESS STEEL MATERIAL

Anti-corrosion

316L Stainless Steel





- ① Surge protection
- ② Lightning protection
- ③ Electrostatic protection
- ④ Overvoltage protection
- ⑤ Power supply terminal polarity protection
- ⑥ EMC anti-interference design

