

INSTALLATION INSTRUCTIONS

The sensor detects the fuel level through moving float along with fuel level up and down. There is magnet inside the float, which set up one magnetic field with the reed switches in PCBA inside the stainless steel tube, on/off. The on/off signal is output through the gauge connected.

Technical requirement:

1. Electric characteristics:

Working voltage: $V_{max}48V$

Working current: $I_{max}300mA$,

Rated power: $P125mW$,

Alarm signal (max working current): $I_{max}500Ma$

Alarm switch (rated power): $250Mw$

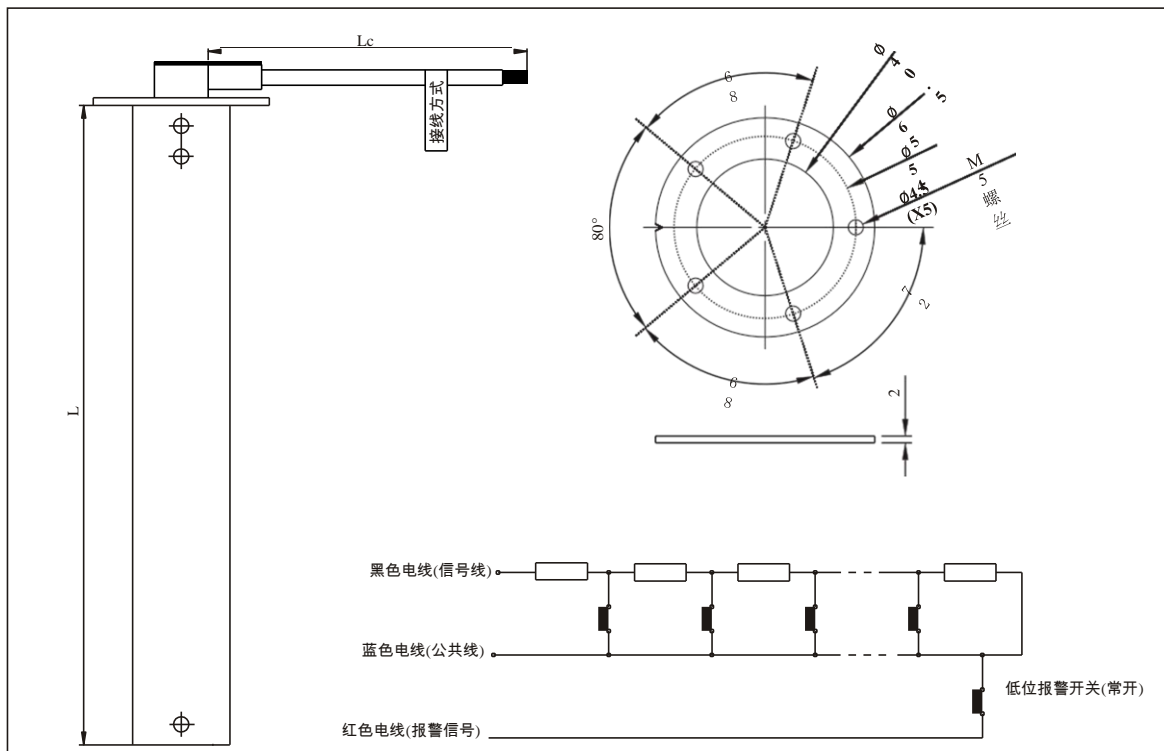
2. Working medium: gasoline、diesel、water、sewage(limited material SUS316)、alcohol.

3. Main body material: SUS316/SUS304

4. Working temperature: $-40\sim85^{\circ}C$

5. Parts protection grade: IP65

6. Other technical conditions: refer to QC/T413-2002.



Fault Clearance:

Faults	Reasons	Methods
no signal output from sensor	Short circuit	connect wire according to requirements
	Circuit damaged caused by overloaded voltage connected.	contact supplier
no signal output above 1/4 level of sensor	Wrong wire connection, common wire and alarm wire reversely.	connect wire according to requirements
Some liquid level cannot sent signal out	Float cannot move normally due to outer sleeve deformation.	contact supplier
	Float cannot move normally because of too much oil dirt inside the outer sleeve	Advise maintain sensor every half year