

Capacitive Oil Level Sensor

GLTV7S

GaMicos

DESCRIPTION

GLTV7S Capacitive digital oil level sensor is based on RF capacitive gauge principle which adopt tomography technology, dynamically analyze various parameters of sensor in the medium, compensate precisely and automatically. The output signals appear to be linearity changed according to the liquid level changing.

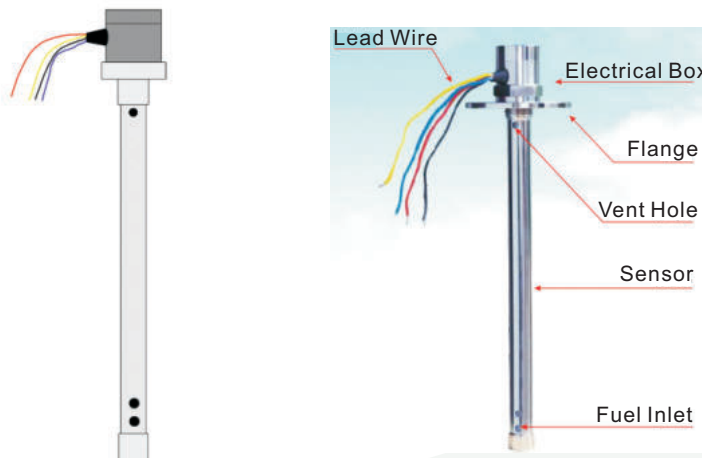


FEATURES

- Using military-grade components, full digital sampling, no AD conversion, is a real sense of digital level sensor.
- No manual intervention, self-calibration, no temperature drift, and not affected by the medium.
- High resolution and high measurement precision.
- Anti - viscosity, anti-hanging material, anti-foam interference. Not only suitable for measuring oil, but also suitable for measuring various chemical reagents and beer and other liquids.
- The shell is made of all-metal material, and the whole machine has a strong structure. It is not afraid of falling, vibration resistance.
- Ultra-low power consumption, the whole machine power consumption is only 60mW, when 12V power supply.
- Strong anti-interference ability, capable of withstanding 20, 000 volts of high-voltage electric spark interference for 30 seconds.

APPLICATION

It is suitable for accuracy level measurement in automobile manufacturers, automobile reloading plants, aerospace, railway vehicles, buses, logistics vehicles, diesel generating sets, engineering machinery, oil tankers, oil tanks etc.



SPECIFICATION

Item	Data
Level range	100~1400mm (can be OEM)
Power supply	DC5V 9~36V
Accuracy	±1%
Resolution	0.01mm
Environment temp.	-35~70℃
Probe diameter	Φ16
Pressure range	-0.1MPa~0.4MPa
Working current	<10mA
Material	Stainless steel
Explosion proof	ExdⅡC T5
Installation way	Standard 5 hole flange or thread M20×1.5(others can be OEM)

ORDER GUIDE

GLTV7S						
	Code	Range				
	X mm	100-1400mm(OEM)				
		Code	Output			
		P1	4~20mA			
		P2	0~3.3V			
		P3	0~5V			
		P4	RS485			
		P5	RS232			
			Code	Power supply		
			V1	9~36VDC		
			V2	5VDC		
				Code	Accuracy	
				A	1%	
				B	1.5%	
					Code	Installation
					T1	Standard 5 hole flange
					T2	M20*1.5
					T3	OEM
GLTV7S	X mm	P1	V2	A	T1	Complete model specifications