

Capacitive Liquid Level Sensor LS-204



Product Features:

The site can be cut off to adapt to the height of the fuel tank; the installation and commissioning process is simple, and the zero point and full-scale calibration can be performed on site; the sensor output curve is optimized to simplify the difficulty of acquisition and processing; strong anti-interference, polarity protection; current, voltage, MODBUS (RS485/ RS232) and many other signal output methods are optional.

Applications:

Industrial process liquid level measurement and control, automobile fuel tanks, tank trucks, oil depot oil level measurement, and other non-conductive liquid measurement and control.

Product Description

LS-204 **capacitive liquid level sensor** is suitable for continuously detecting the liquid level of various non-conductive liquids such as diesel oil, kerosene, gasoline, hydraulic oil, biodiesel, etc. Special liquid (oil) level measurement sensor tailored for accurate measurement of oil level.

Features

High accuracy, good stability

Easy to install

Optimize the sensor output curve to simplify the acquisition processing difficulty

Reverse polarity protection wiring design

Technical Parameters

Testing medium	Diesel, kerosene, gasoline, hydraulic oil, biodiesel, etc., not subject to the measurement medium
Testing range	300, 400, 500, 600, 700, 800,900,1000mm
Dead zone range	5mm dead zone at the bottom
Signal output	4~20mA
Signal cable specification	3 Wire
Power supply	12~30VDC

Accuracy	±0.5 %FS ±1 %FS
Working temperature	-20~+85°C
Storage temperature	-40~105°C
Mechanical vibration	±20g
Shock (11ms)	100g
IP grade(electrical cabin)	IP65
Materials	Probe Φ16 aluminium alloy
Installation way	Process connection installation (G1/2,others customized)
Electrical connection	Direct lead, standard cable length 1m