Digital Sensor Level Fuel (Capacitive)

DSL300 Series

Quick response 6-8ms instantaneous Pressure response

Triple protection Reverse connection protection, over voltage protection, over current protection

Matching degree is high Standard analog output to support various types of industrial control eauipment

Waterproof and dustproof IP68 grade, suitable for all kinds of size

PRODUCT PARAMATER

Detail Description

1. High quality amplifier chip

Industrial class 1500VDC withstand voltage

It can be use in a variety of industrial control occasions

2. Oblong integrated circuit board chip is adopted to accelerate heat dissipation of circuit board and improve product stability

3. 304/316 stainless steel material , seals construction with o-ringe, 8 holes filter cap waterproof IP68

PRODUCT PARAMATER

Detail Description

Polyurethane coated wire

Laser
Label printing

Removable
anti-blocking probe

IP68
Protection grade

Bold air duct

45° beveled pressure hole
Impact resistant and anti-blocking

316 stainless steel
More impact resistant

304 stainless steel housing
Adapt to a variety of conditions

PRODUCT PARAMATER

Detail Description

Level gauge and measuring instrument

Level gauge and power meter

Match

Level gauge and isolator
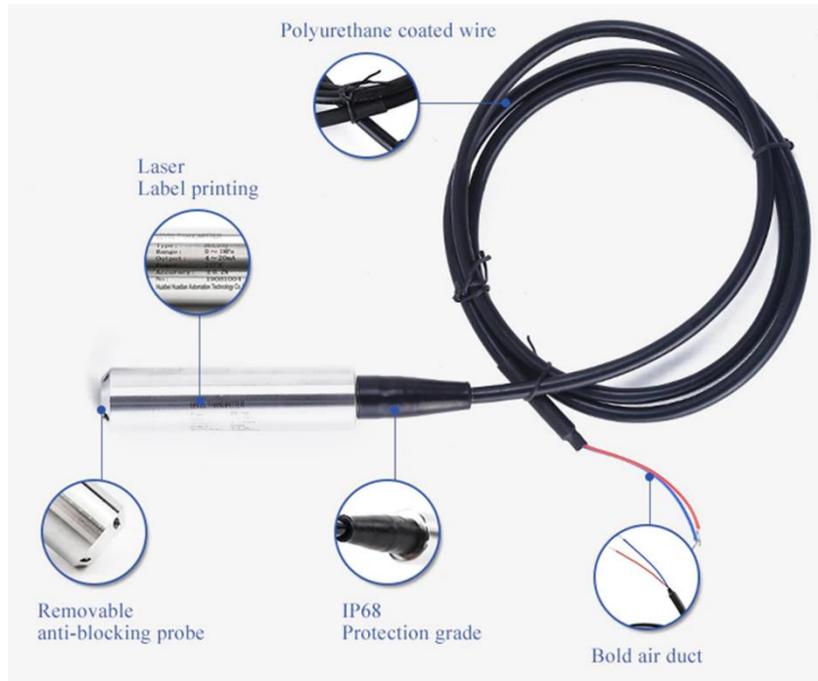
PRODUCT ADVANTAGE

Technical Parameter

Model	DSL300
Power supply	3-5VDC、12-36VDC (standard)
Output single	4~20mA、1~5V、0~10V、RS485
Measuring range	0.5… 500 metre
Compensation temperature	-10~70°C
Medium temperature	-40~80°C
Environment temperature	-40~85°C
Measuring media	Liquid、Water
Accuracy	0.1%F.S、0.25%F.S (standard)
Zero tempe drift	±0.03%F.S /°C
Sensitivity temperature drift	±0.03%F.S /°C
Material	316L core&Rubber breathable cable
Overload	200%F.S
Long-term stability	≤0.2%F.S / year
Inherent frequency	5kHz~650kHz
Protection grade	IP68

RENNIQ
FLOW   PRESSURE   LEVEL   Expert

PRODUCT ADVANTAGE

Size

liquid-level probe

135mm

Ø28mm
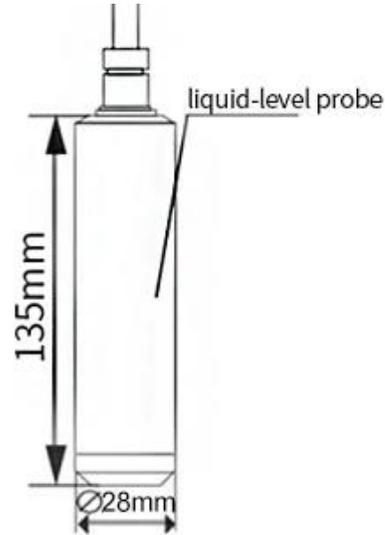
Product Series				
DSL300				
	Measuring range			
	Selection between 0-500 meters			
		Accuracy Level		
		E1:0.1%F.S , E2:0.25%F.S (standard)		
			Power Supply Mode	
			D1:12-36VDC , D2:3V-5VDC	
				Signal Output
				F1: 4~20mA (2-wire) , F2: 0-5V (3-wire)
				F3: 0-1V (3-wire) , F4: RS485 (4-wire)
				F5: Other
DSL300 - 5m	- E1	- D1	- F1	Eg: DSL300 -5m-E1-D1-F1

PRODUCT PARAMATER

Application

· Water level measurement of fire water tank
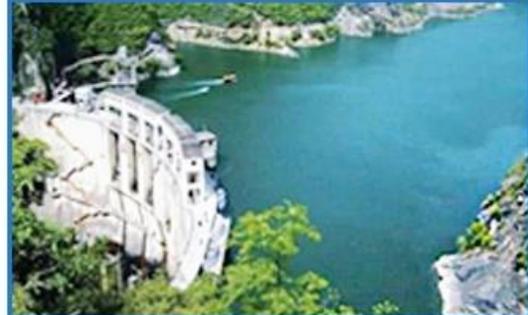
· Reservoir level measurement

· Water level detection of well

· Sewage level measurement