

LEVEL MEASUREMENT

FD86E/F Submersible Level Transmitter

Product Overview

FD86E/F series liquid level transmitter use high performance pressure sensor as measuring element. Through the pressure sensor, the liquid level is proportional to the depth with static pressure measurement. Though special signal conditioning circuit, which converted into standard signal output, to achieve accurate measurement of liquid depth. Products has high precision. small size. it can be directly into liquid.



Main Feature

◆ All stainless steel structure, the sensor and circuit are all inside, IP68 protection level
◆ The top stainless steel cap is removable, prevent diaphragm and facilitate regular cleaning
◆ No moving parts, stable and reliable performance
◆ Suitable for harsh environments such as field and open air
◆ Laser marking, exquisite appearance

Performance Index

Item	Technical Parameters
Range	0-1m ~ 200mH ₂ O (See selection table)
Overload Ability	Overload Pressure: 150% F.S Burst Pressure :200% F.S
Accuracy	0.25%F.S 0.5%F.S Optional
Long Stability	0.2%F.S/year
Working Temperature	- 10℃ ~ 60℃
Power	16V ~ 28VDC (Recommend 24VDC)
Output Signal	4mA ~ 20mADC 1V-5VDC RS485 Optional
Protocal	MODBUS RTU / HART
Protection Grade	IP65 (Housing) IP68 (Sensor)
Products Warranty	12 months

Diamensions	Electrical interface and wiring