

LEVEL MEASUREMENT

FD86T Pressure Guide Type Level Transmitter

Product Overview

FD86T pressure-guided liquid level transmitter use high-performance pressure sensor .The pressure cylinder is contacted with liquid, measured through the gas pressure transmission in the pressure pipe, and passed the special signal conditioning circuit conversion. To output the standard (current, voltage, or number) signal, establish a linear correspondence between the output signal and the depth of the liquid, and achieve precise measurement of the deepening of the liquid. The product has high accuracy, small volume, and convenient use, which enhances the product's high temperature resistance and corrosion resistance.



Main Feature

◆ Wetted parts are made of stainless steel or PTFE
◆ Sensor is not in contact with the liquid,improves high temperature resistance and corrosion resistance
◆ Wetted part IP68 Protection
◆ No moving parts, stable and reliable performance

Performance Index

Item	Technical Parameters
Measuring range	0-1m ~ 10mH 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-term Stability	0.3%F.S/Year
Working Temperature	0℃ ~ 100℃
Power	16V ~ 28VDC (Recommend 24V)
Output Signal	4mA ~ 20mADC 1V-5VDC RS485 Optional
Protocal	MODBUS RTU HART
Protection Grade	IP65 (Housing) IP68 (Sensor)
Products Warranty	12 months

Dimensions	Electrical interface and wiring
	<p>Red:Power Positive Black:Power Negative Yellow:Signal Positive</p> <p>Voltage Type</p> <p>Red:Power Positive Black:Power Negative</p> <p>Current Type</p> <p>1: Power Positive 2: Power Negative 3: Empty ⊕: GND</p> <p>GDM Connector</p> <p>HART Communicator</p> <p>Ammeter</p> <p>The second display instrument</p> <p>250Ω</p> <p>Power + -</p>