



## HYDROSTATIC LEVEL TRANSMITTER

**AIHCDB-3022****AIHCDB-5022**

### Description

The input level gauge is based on the principle that the measured hydrostatic pressure is proportional to the height of the liquid. The pressure sensor is used to convert the pressure signal into an electrical signal, which is converted into a standard current signal or digital signal after temperature compensation and linear calibration.

High quality cable with air duct; can be displayed on site; two sensors are available for multiple applications. The imported silicon piezoresistive sensor has high precision and good stability; the ceramic sensor has large hole design, anti-blocking and anti-corrosion; it is directly put into the liquid to be tested, and the installation is simple;

Input-type liquid level meter is suitable for urban water supply and sewage treatment, water conservancy and hydropower monitoring and control, marine and marine systems, chemical, medical equipment, industrial on-site liquid level measurement and control, water supply and drainage, environmental protection systems and various industries. Static pressure level measurement of a variety of media.

### Advantages

1. use high quality cable with air duct; can choose field display.
2. two kinds of sensors are optional, various application conditions, ceramic sensor with big hole design, anti-blocking, anti-corrosion.
3. use imported silicon piezoresistive sensor with high accuracy and good stability.
4. directly put into the measured liquid, simple installation.



## HYDROSTATIC LEVEL TRANSMITTER

<b>SPECIFICATIONS</b>	
<b>POWER</b>	24VDC
<b>RANGE</b>	0~350 meters
<b>PROCESS CONNECTION</b>	THREAD, FLANGE
<b>MEDIA TEMPERATURE</b>	-20~80'C
<b>ACCURACY</b>	+/- 0.2%FS, +/- 0.5%FS
<b>SIGNAL OUTPUT</b>	4~20mA
<b>COMMUNICATION OUTPUT</b>	RS485 MODBUS

### ORDER CODE

<b>MODEL : AIHCDB</b>							
AIHCDB3022	3						
AIHCDB5022	5						
<b>CONNECTION</b>							
FLANGE ANSI 150#		F					
THREAD		T					
<b>ACCURACY</b>							
+/- 0.2% FS			2				
+/- 0.5% FS			5				
<b>OUTPUT</b>							
4~20mA				T			
RS485 MODBUS RTU				C			
BOTH 4~20mA & RS485				B			
<b>RANGE</b>							
LENGTH IN METERS					X	X	X

