



## Products and Solutions

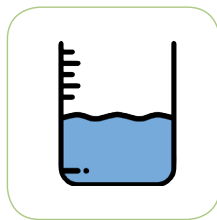
To Measure, Monitor and Control



Flow



Pressure



Level



Temperature



Analytical

For The Process Industries

# AE HYDROSTATIC LEVEL TRANSMITTER

## Description

AE732 level transmitter has the special structure and applications has high accuracy, small volume, stability, plus resistance to abrasion, oil, acid & alkali and high intensity gas lead cable ensured that it can meet the different occasions measurement requirements. It is widely used in sewage, river and lakes treatment as well as channel, large rivers, I reservoirs

nd coastline monitoring. This product has got intrinsic safety certification, explosion proof certification and CE certification.

The lead of two-wire circumfluent is no-polarity.

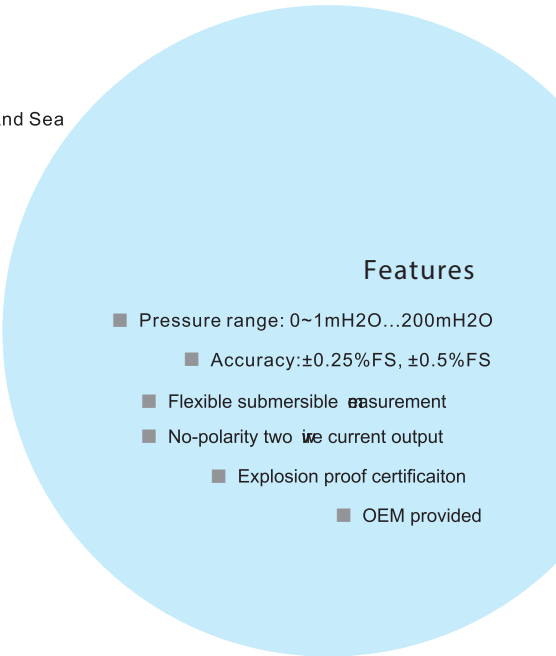
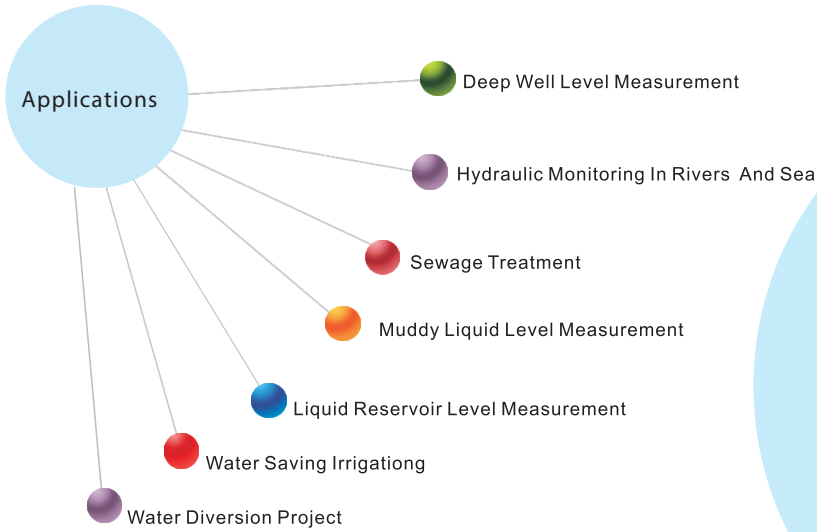


## Technical Specifications

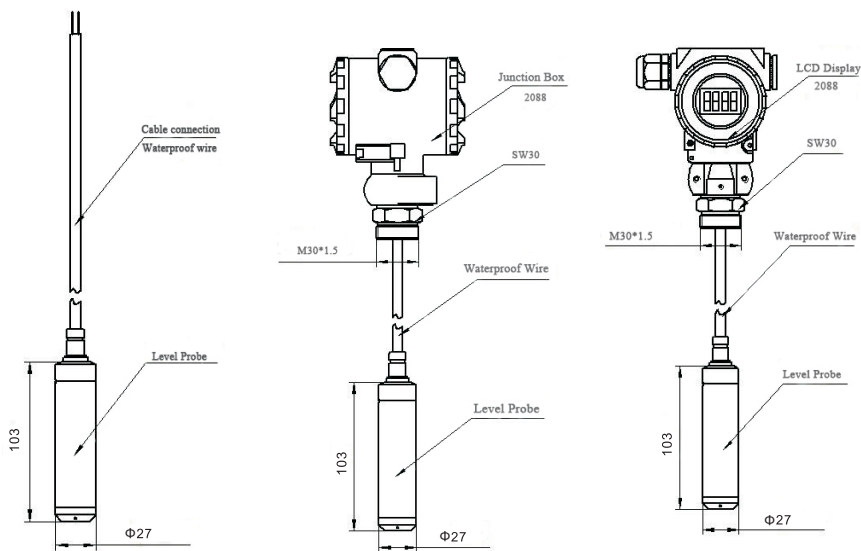
Pressure range	0~1m...200mH2O
Pressure type	Gauge
Output signal	4~20mA, 0~5V, 1~5V, 0.5~4.5V, 0~10V, RS485
Power supply	5V, 10~30VDC
sated temperature range	-10~70°C
Operating temperature range	-20~80°C
Storage temperature range	-40~125°C
Temperature effect on Zero	±1.5%FS
Temperature effect on Span	±1.5%FS
Over pressure	150%FS
Mechanical Vibration	20g(20-5000HZ)
Shock/Impact	100g(11ms)
Comprehensive error	±0.5%FS(standard) , ±0.25%FS
long-term stability	±0.2%FS/year
Medium compatible	Compatible with 316L SS of all kinds of medium
Protection	IP68

1Bar=14.5PSI, 1PSI=6.89k Pa

# AE HYDROSTATIC LEVEL TRANSMITTER



## Dimension(mm)



# AE HYDROSTATIC LEVEL TRANSMITTER

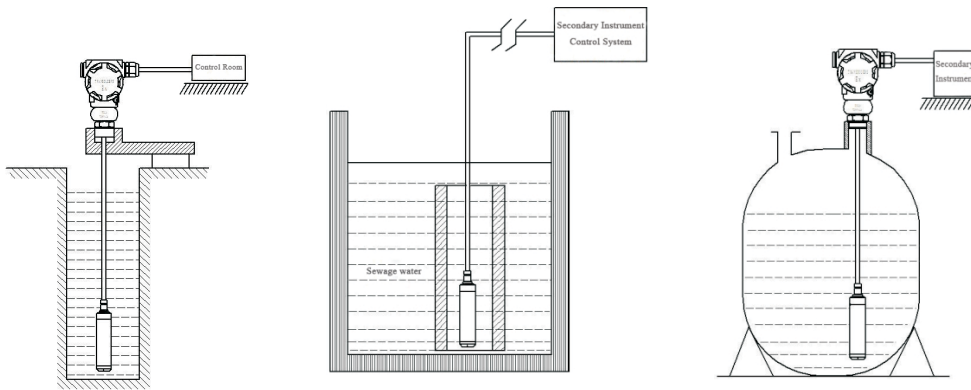
## Installation in the Static water(deep well,pool, tank etc.)

## Installation Notes

1. Put the liquid level transmitter vertically into the bottom of the container,when measuring static fluid level in the opening of the container where the transmitter and connection box will be fixed.

2. When the viscosity of medium is bigger (such as sewage pool),can be mounted to the casing or support, to ensure the transmitter can be put into the bottom of the container.

3. Outdoor installation, should put the junction box in dry and ventilated place as far as possible, avoid bright lights illuminating directly and raining so as to the shell with high temperature or water inflow, and finally the internal circuit board will be damaged.



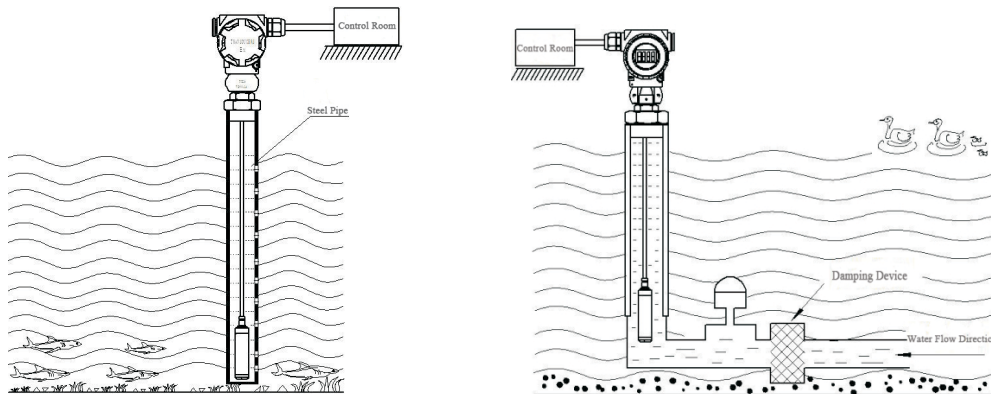
## Installation in the Flowing water(Rivers and lakes etc.)

## Installation Notes

1. Under the condition of medium volatile,when measuring water level of the flowing, we can insert a piece of steel tube in the channel, the inner diameter about 50 centimeters, open several  $\Phi 5$  holes in the different height of opposite direction of flowing water about the pipe into the water ,make water into the tube,fix the cable and wiring on the pipe outlet.

2. When the medium wave and sediment is larger in the water channel,can also filter sediment,eliminate the negative impact of the dynamic pressure and wave by using the method of adding damping device to ensure the measurement accuracy.

3. When Product installation in the dore area, orders should be marked "lightning", also suggested that the user adding against lightning protection devices on the scene so that can ensure product itself, power supply grounding reliability; can reduce the probability of lightning damage the transmitter.



# AE HYDROSTATIC LEVEL TRANSMITTER

## Ordering code

													Level transmitter
AE732													2088housing level transmitter
Code													Sensor type
N													Submersible type
Code													Unit
M													mH <sub>2</sub> O
B													Bar
P													Psi
Code													Pressure range
XmH <sub>2</sub> O													Can be customized
Code													Output signal
T1													4-20mA
T2													0-5Vdc
T3													1-5Vdc
T4													0-10Vdc
T5													0.5-4.5Vdc
T6													HART
Code													Power supply
V1													12Vdc
V2													24Vdc
V3													10~30Vdc
V4													5Vdc
Code													Accuracy
A1													0.25%FS
A2													0.5%FS
Code													Pressure type
G													Gauge
A													Absolute
Code													Electrical interface
K1													Cable connection
K2													2088housing
K3													2088housing+display
Code													Housing Material
S1													304 SS
S2													316L SS
Code													Cable material
P1													Polyethylene (PE)
P2													Polyurethane (PU)
P3													PTFE
Code													Cable length
Lm													Xm, such as 5M(can be customized)
Code													Explosion-proof function
E													Explosion-proof
O													Non-explosion-proof
GLT500	N	B	5	T1	V2	A2	A	K2	S3	P1	Lm	E	Complete specification



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EUROTECH  
VALVES AND INSTRUMENTS

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