

UHZ-517 磁翻柱液位计配套液位变送器 UHZ-517 MAGNETIC LIQUID LEVEL TRANSMITTER

LB 型液位变送器 LIQUID LEVEL TRANSMITTER

AT200/600 型磁致伸缩变送器 MAGNETOSTRICTIVE LEVELTRANSMITTER

LB 型液位变送器是UHZ-517C(T、D)系列磁翻柱液位计的配套仪表，传感器部分封装在磁翻柱面板内，结构合理，安装方便，采用进口传感元件，稳定性好，使用寿命长。仪表输出4~20mA标准电流信号。亦可与我公司生产的光柱指示、数字显示调节报警仪配套使用，从而实现对液位的显示、控制、调节和报警。

LB liquid level transmitter is designed to match with UHZ-517C(T,D) series magnetic reversing column liquid level gauge. The sensing unit is built in magnetic reversing column indicator. It makes it logical in structure and easy to install. In addition, import components are used, so it has high stability and long operating life. Outputting 4~20mA standard current signal, the transmitter can also be applied with the bargraph and digit instrument to indicate, control and regulate liquid level as well as alarm for it.

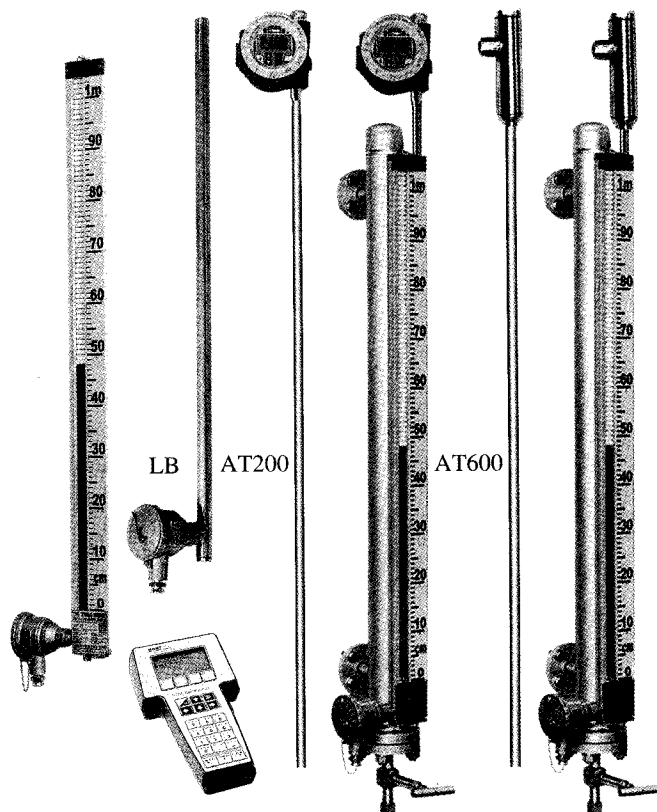
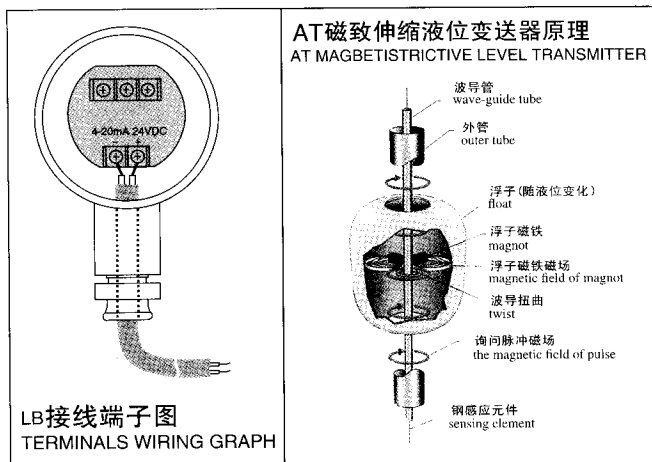
AT200/600型磁致伸缩液位变送器是引进美国K-TEK公司OEM产品，是一种高精度液位变送器。变送器以捆绑形式固定在UHZ-517系列磁翻柱液位计主导管外侧，与液位计配套使用，实现对液位的高精度测量和远传输出。

AT200/600 magnetostrictive liquid level transmitter is worked in OEM product of American K-TEK, it is a precise transmitter made by American K-TEK bound at outside of UHZ-517 series magnetic level gauge, the transmitter operates with level gauge to measure the level with high accuracy and output standard signal far distance.

结构原理 STRUCTURE PRINCIPLE

LB型变送器由传感器和转换器两部分组成。当磁性浮子随液位上下移动时，对应液位位置的干簧管受浮子内磁场的作用吸合，电阻链阻值发生变化，经转换器转换成4~20mA标准电流信号输出。

The transmitter is composed of sensor and converter. When magnetic float moves with liquid level, the dry reed switch at corresponding position closes due to magnetic field of float. It results in resistance changing at resistor chain, which is converted into 4~20mA current output.



技术参数 SPECIFICATIONS

测量范围 measuring range: LB型: 300~8000mm

AT200 AT600型: 300~5000mm

精确度 accuracy: LB型: $\pm 10\text{mm}$;

特殊要求special: $\pm 5\text{mm}$

AT200 AT600型: 0.02%FS

输出信号 output: 4~20mA DC 二线制

(AT200智能型带HART协议)

电源 power supply: 24V DC (15~35V)

(24V电源可由本公司显示仪表提供 power can be supplied by indicating instrument of our company)

负载能力 load ability: 600 Ω

功耗 power consumption: $\leq 1.0\text{W}$

环境温度 ambient temperature: -40~80 $^{\circ}\text{C}$

防护等级 enclosure class: IECIP65

防爆标志 electric class:

隔爆型 explosion-proof type: d II BT4~T6

本安型 intrinsically safe type: ib II CT4~T6

远传距离 transmission distance: 最大max 10km,

电气接口 electric connection:

LB型: M20 $\times$ 1.5内螺纹 inner thread

AT200/600型: 1/2" NPT 内螺纹 inner thread