

结构原理 STRUCTURE PRINCIPLE

变送器的检测管内装有一组干簧管和精密电阻, 当管外磁性浮子随液位上下变化时, 检测管内位于液面处的干簧管依次接通使变送器的电阻值发生变化, 接线盒内的转换电路模块将其阻值转换成电流输出。

A set of dry reed switches and precise resistors are in the detecting tube of transmitter. When magnetic float outside tube moves with liquid level up and down, the dry reed switch at liquid surface will close in turn resulting in resistance change. And the converting circuit module changes the resistance into current output.

主要技术参数

MAIN TECHNICAL PARAMETER

测量范围 measuring range: 300~8000mm

精确度 accuracy: $\pm 1.5\%FS$ (测量范围大于1000mm)

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)

功耗 power consumption: $\leq 720mW$

输出信号 output: 4~20mA DC 二线制

工作压力 operating pressure: 1.6 MPa, 2.5 MPa

介质密度 medium specific gravity: 0.5~2 g/cm³

介质粘度 medium viscosity: $\leq 0.8 Pa \cdot s$; 3 Pa s

防爆标志 explosion proof:

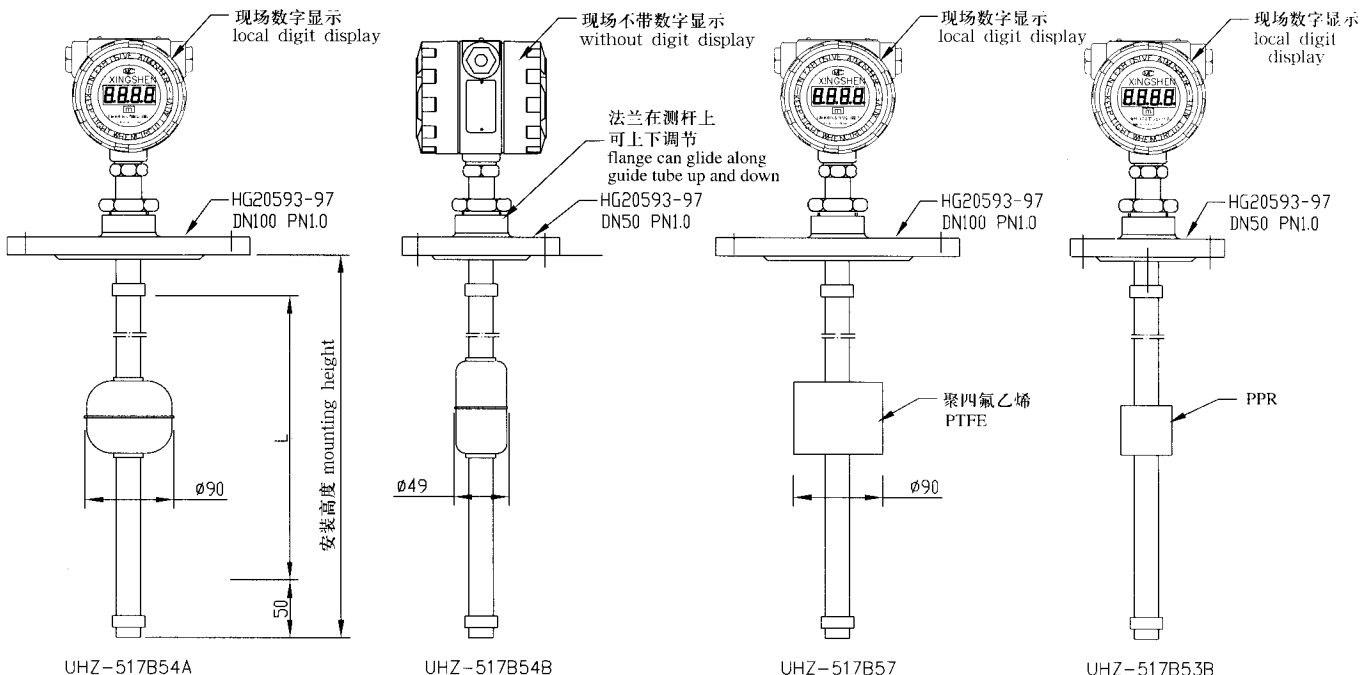
隔爆型 explosion proof type: d II BT4~T6

本安型 intrinsically safe type: ib II CT4~T6

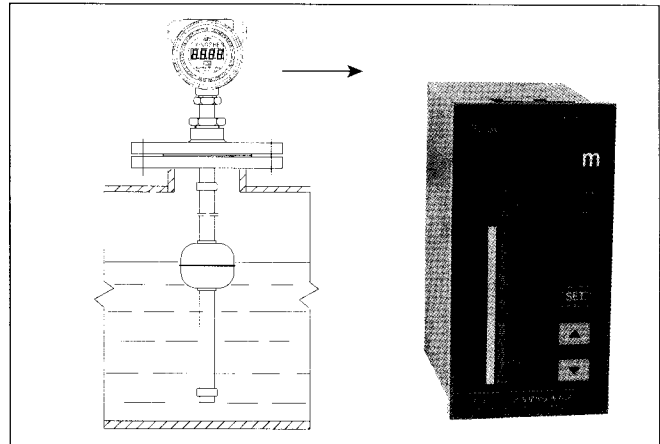
外壳防护 enclosure classification: IP65

连接法兰标准 connection flange standard: 采用化工部 HG20593-97 DN100 PN1.0 凸面法兰标准制造, 其它标准请用户注明. Convex flange, chemical engineering department standard. Other standard need noted.

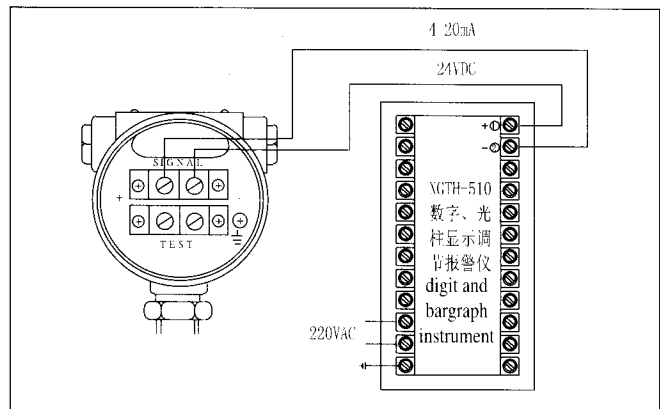
外形尺寸 DIMENSIONS:



安装示意图 INSTALLATION ILLUSTRATION



接线端子图 TERMINALS WIRING GRAPH



*UHZ-517BL 系列现场总线产品系统连接采用四线制(两根双绞线), 一根双绞线为电源线, 供24VDC电源, 无极性要求; 另一根双绞线为网络线, 无极性要求, 但最低为V类非屏蔽双绞线, 双绞线的粗细应在AWG16-22之间。
通信信道: F- 自由拓扑, FTT-10A/S- 总线拓扑, TP/XF-78.78KBPS; P 总线拓扑, TP/XF-1250.1.25MBPS, 符合LonTalk 通信协议。