

Description

GLT500 level transmitter has the special structure and applications. It 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, reservoirs and coastline monitoring. This product has got intrinsic safety certification, explosion proof certification and CE certification. The lead of two-wire circumfluent is no-polarity.



Features

- pressure range: 0~1mH₂O...200mH₂O
- accuracy: ±0.25%FS, ±0.5%FS
- flexible submersible measurement
- no-polarity two wire current output
- Explosion proof certification
- CE certification
- OEM provided

Applications

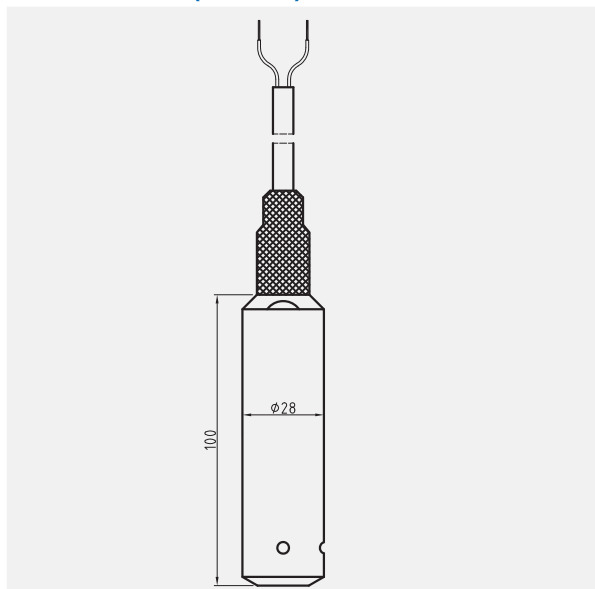
- deep well level measurement
- hydraulic monitoring in rivers and sea
- sewage treatment
- muddy liquid level measurement
- liquid reservoir level measurement
- water saving irrigation
- water diversion project

Technical Specifications

test condition of data: 25°C (77°F)

pressure range	0~1mH ₂ O...200mH ₂ O				
over pressure	150%FS				
burst pressure	300%FS				
output signal	4~20mA	0~5Vdc	1~5Vdc	RS485	
power supply	10~30Vdc	8~30Vdc	8~30Vdc	12~30Vdc	
accuracy	0.25%FS(min.)		0.5%FS(typ.)		
long-term stability	≤0.3%FS/year				
temp.coefficient of zero	±0.02%FS/°C(typ.)		±0.05%FS/°C(max.)		
temp.coefficient of span	±0.02%FS/°C(typ.)		±0.05%FS/°C(max.)		
compensated temperature range	-10~+70 °C				
operating temperature range	-40~+85 °C				
storage temperature range	-40~+85 °C				
Insulating resistance	≥100MΩ@100Vdc				
load resistance	R≤(U-10)/0.02 (for 4/20mA)		R>100kΩ(for votage output)		
electrical interface	waterproof outlet				
pressure interface	embedded type				
material of pressure membrane	316LSS				
material of housing	1Cr18Ni9Ti stainless steel				
response time(10%~90%)	≤10ms				
shock/impact	10gRMS,(20~2000)Hz / 100g,11ms				
protection	IP68				

Dimensions(in mm)



Ordering Code

Model	GLT500
Pressure range	[0/x]mH ₂ O pressure range: 0~1mH ₂ O...200mH ₂ O
Output signal	E 4~20mA F 0~5Vdc J 1~5Vdc K 0~10Vdc
Electrical interface	[x]m cable length
Accuracy	A1 0.25%FS A2 0.5%FS A3 1.0%FS

GLT500 [0/5]H₂O E 6m A2