

Description

GLT520 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, l 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
- sediment-proof
- no-polarity two wire current output
- Explosion proof certificaion
- CE certification
- OEM provided

Applications

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

Technical Specifications

test condition of data:25℃(77°F)					
pressure range	0-200mH ₂ O				
over pressure	150%FS				
burst pressure	300%FS				
output signal	4~20mA	0~5Vdc	1~5Vdc	0~10Vdc	
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	submersible type				
material of pressure membrane	316LSS				
material of housing	Stainless steel				
response time(10%~90%)	≤10ms				
shock/impact	10gRMS,(20~2000)Hz / 100g,11ms				
protection	IP68				

Ordering code

GLT520	Level transmitter													
	Code	Sensor type												
	N	submersible type												
		Code	Unit											
		M	H ₂ O											
		B	Bar											
		P	Psi											
			Code	Pressure range										
			XmH ₂ O	can be customized										
				Code	Output signal									
				T1	4-20mA									
				T2	0-5Vdc									
				T3	1-5Vdc									
				T4	0-10Vdc									
				T5	0.5-4.5Vdc									
					Code	power supply								
					V1	12Vdc								
					V2	24Vdc								
					V3	12~36Vdc								
					V4	5Vdc								
						Code	accuracy							
						A1	0.1%FS							
						A2	0.25%FS							
						A3	0.5%FS							
							Code	pressure type						
							G	gauge						
							A	absolute						
								Code	electrical interface					
								K1	cable connection					
									Code	Housing Materi				
									S1					
									S2					
										Code				
										P1				
										P2				
										P3				
											Code	Cable length		
											5m			
												Code		
												E		
												O		
GLT520	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification	