

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, 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 certification
- CE certification
- OEM provided

Applications

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

Technical Specifications

test condition of data: 25°C(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 voltage 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	Cable length		
										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