

# LEVEL TRANSMITTER

## GLT530



### Description

GLT530 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, I 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: 0~1mH<sub>2</sub>O...20mH<sub>2</sub>O
- Water temperature range: 0 – 80°C
- Accuracy: ±0.1%FS
- Diameter length only Ø16
- No-polarity two wire current output
- Explosion proof certification
- CE certification
- OEM provided

### Applications

- Deep well level measurement
- Liquid reservoir level measurement
- Water saving irrigationg
- Hydraulic monitoring in rivers and sea
- Sewage treatment
- Water diversion project
- Muddy liquid level measuremen



### Technical Specifications

Test condition of data:25°C(77°F)		
Pressure range	0~1m ... 20m H2O	
Over pressure	150%FS	
Burst pressure	300%FS	
Output signal	4~20mA,0~5VDC, RS485, HART (optional)	
Power supply	9~24VDC	
Accuracy	0.1%FS	
Long-term stability	≤0.1%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	-20~+85 °C	
Storage temperature range	-20~+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	316L SS	
Material of housing	Stainless stee 304	
Response time(10%~90%)	10ms	
Water temperature range	0 - 80°C	
Protection	IP68	

### Ordering code

GLT530	Level transmitter										
	Code	Sensor type									
	N	Submersible type									
	Code	Unit									
	M	mH <sub>2</sub> O									
	B	Bar									
	P	Psi									
	Code	Pressure range									
	XmH <sub>2</sub> 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	10~30Vdc									
	V4	5Vdc									
	Code	Accuracy									
	A1	0.25%FS									
	A2	0.1%FS									
	Code	Pressure type									
	G	Gauge									
	A	Absolute									
	Code	Electrical interface									
	K1	Cable connection									
	Code	Housing Material									
	S1	304 SS									
	S2	316L SS									
	Code	Cable material									
	P1	Polyethylene (PE)									
	P2	Polyurethane (PU)									
	P3	PTFE									
	Code	Cable length									
5m	5m										
10m	10m										
Xm	Xm, such as 5M(can be customized)										
Code	Explosion-proof function										
E	Ex I explosion-proof										
O	Non-explosion-proof										
E	Complete specification										

GLT530	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification
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