

# 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...200mH<sub>2</sub>O
- Accuracy: ±0.25%FS, ±0.5%FS
- Diameter length only Ø19
- No-polarity two wire current output
- Explosion proof certification
- CE certification
- OEM provided

### Applications

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

### Technical Specifications

Test condition of data: 25 °C (77 °F)	0~1m ... 200m H <sub>2</sub> O
Pressure range	150%FS
Over pressure	300%FS
Burst pressure	4~20mA, 0~5VDC, Customizable
Output signal	10~30VDC
Power supply	0.25%FS (min.) 0.5%FS (typ.)
Accuracy	±0.1%FS/year
Long-term stability	±0.02%FS/°C (typ.)
Temp. coefficient of zero	±0.02%FS/°C (typ.)
Temp. coefficient of span	-10~+70 °C
Compensated temperature range	-20~+85 °C
Operating temperature range	-20~+85 °C
Storage temperature range	≥100MΩ@100Vdc
Insulating resistance	R ≤ (U-10)/0.02 (for 4/20mA)
Load resistance	waterproof outlet
Electrical interface	submersible type
Pressure interface	316LSS
Material of pressure membrane	Stainless steel 304
Material of housing	10ms
Response time (10%~90%)	IP68
Protection	

### Ordering code

GLT530	Code	N	Level transmitter										
	Code	M	Sensor type										
	Code	B	Submersible type										
	Code	P	Unit										
	Code	XmH <sub>2</sub> O	mH <sub>2</sub> O										
	Code	T1	Bar										
	Code	T2	Psi										
	Code	T3	Pressure range										
	Code	T4	Can be customized										
	Code	T5	Output signal										
	Code	V1	4~20mA										
	Code	V2	0~5Vdc										
	Code	V3	1~5Vdc										
	Code	V4	0~10Vdc										
	Code	A1	0.5~4.5Vdc										
	Code	A2	Power supply										
	Code	G	12Vdc										
	Code	A	24Vdc										
	Code	K1	10~30Vdc										
	Code	S1	5Vdc										
	Code	S2	Accuracy										
	Code		0.25%FS										
	Code		0.5%FS										
	Code		Pressure type										
	Code		Gauge										
	Code		Absolute										
	Code		Electrical interface										
	Code		Cable connection										
	Code		Housing Material										
	Code		304 SS										
	Code		316L SS										
	Code		Cable material										
	Code		Polyethylene (PE)										
	Code		Polyurethane (PU)										
	Code		PTFE										
	Code		Cable length										
	Code		5m										
	Code		10m										
	Code		Xm, such as 5M (can be customized)										
	Code		Explosion-proof function										
	Code		E Ex I explosion-proof										
	Code		O Non-explosion-proof										
GLT530	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification