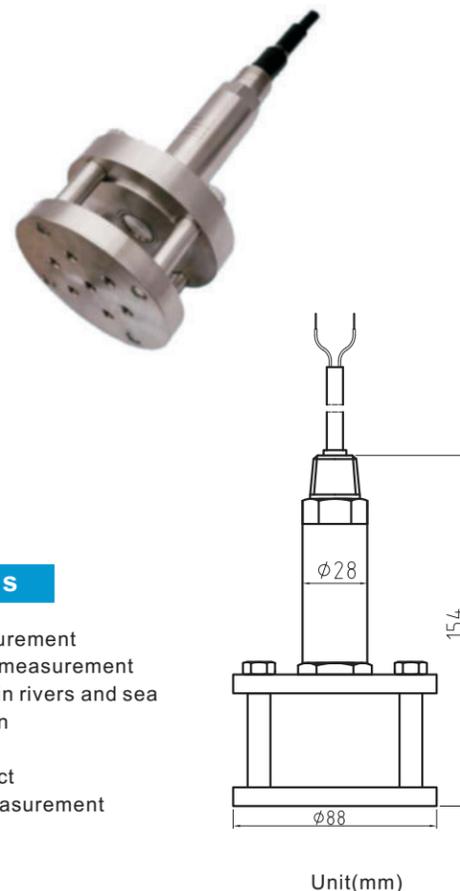


LEVEL TRANSMITTER

HIGH DENSITY

GLT550



Description

GLT550 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
- High density
- 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	0~1mH ₂ O...200mH ₂ O	
Over pressure	150%FS	
Burst pressure	300%FS	
Output signal	4~20mA, 0~5VDC, Customizable	
Power supply	10~30VDC	
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	

Ordering code

GLT550	Level transmitter												
Code	Sensor type												
N	Submersible type												
Code	Unit												
M	mH 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	10~30VDC												
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 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	Explosion-proof												
O	Non-explosion-proof												
GLT550	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification