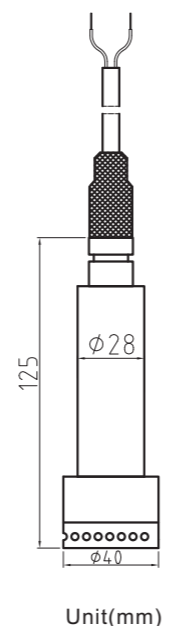


LEVEL TRANSMITTER

—ANTI-POLLUTION TYPE

GLT540



Description

GLT540 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
- anti-pollution type
- 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	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

GLT540	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	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 Material											
S1	304 SS											
S2	316L SS											
Code	Cable material											
P1	polyethylene (PE)											
P2	polyurethane (PU)											
P3	PTFE											
Code	Cable length											
8m	8m											
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											
GLT540	N	B	5	T1	V2	A2	A	K2	S2	P1	Xm	E