Pressure Liquid & Level Transmitter

● Product Introduction

The input type level transmitter is based on principle of measuring hydrostatic level proportional to the height of liquid level, transfer the static pressure into electrical signal by use of proliferation of silicon or ceramic capacitors sensitive components, after temperature compensation and linearity correction, convert it into 4-20mA DC standard current signal output. The sensor part of the input type level transmitter can be put directly into medium, the transmitter part can fix by flange and bracket, the installation is very convenient.

CYPL Series

● Performance Parameters

Zero migration volume Maximum zero positive migration volume:
Difference between migration volume upper range and measuring range

Maximum zero negative migration volume:
Lower then air pressure

Measuring range
Lower range limit:
-100% URL (≧-0.1%MPa)~+100%URL-Span
Upper range limit:
-100%URL+Span (≧-0.1%MPa+Span)~+100% URL

Measuring range and zero adjustment
Communication software
Material: Silicone oil filling,
                Diaphragm :316L stainless steel
                 Housing : 304 Stainless steel
Cable material: PVC or PTFE
Measuring object: liquid
Ambient temperature: -20℃~ 80℃
Relative temperature: ≦85%
Measuring range: 0.1 ~ 110 m
Output: 2-wire 4~20mA DC
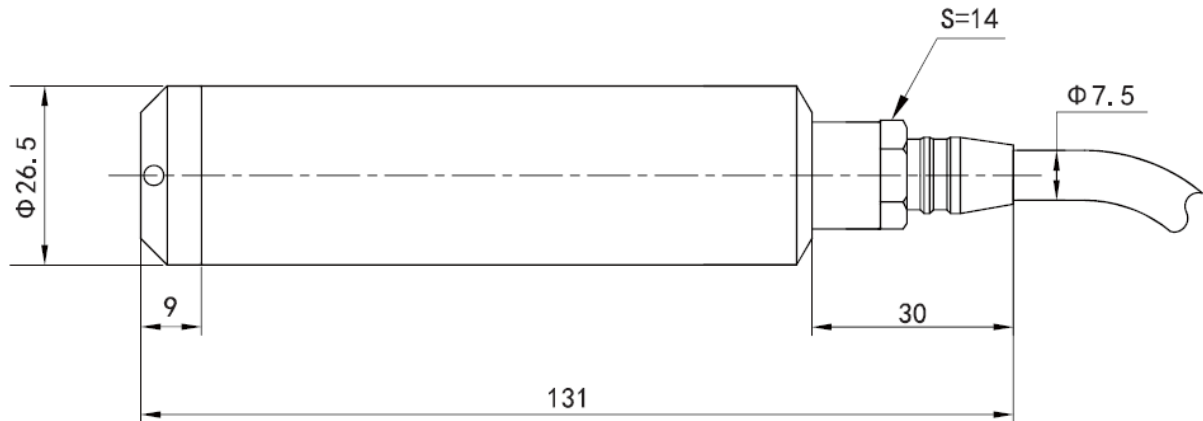Power supply: 24DC (12~36VDC)
Overload: 0~600Ω
Non-delicacy area: ≦±1.0% F.S
Protective grade: IP68
Accuracy: ±0.25% F.S
Stability: ±0.2% URL/year

● Structutal Drawing

Liquid Level Transmitter outline dimensional drawing (Unit: mm)

• Order information

CYPL - _ _- _ _ - E

Code 1	Measuring range
01	0～1m
02	0～2m
03	0～3m
04	0～4m
05	0～5m
06	0～6m
07	0～7m
08	0～8m
09	0～9m
10	0～10m
15	0～15m
20	0～20m
30	0～30m
40	0～40m
50	0～50m
100	0～100m
xx	Customize
Code 2	**Categories**
D	Common cable PVC
F	Anti-corrosion cable PTFE
Code 3	**Cable lengths (m)**
1	Standard length (Measuring range +2m)
2	User Provisioning
Code 4	**Nameplate**
E	In English

**Option
Junction Box
&
Thread or Flange
connetion**