
2000424 Submersible Level Transmitter



Features

Wide range application;
Using high reliable and stable oil filled diffused silicon sensor;
Full stainless steel sealed construction;
IP68 protection;
High precision, high frequency response, long-term stability.

Introduction

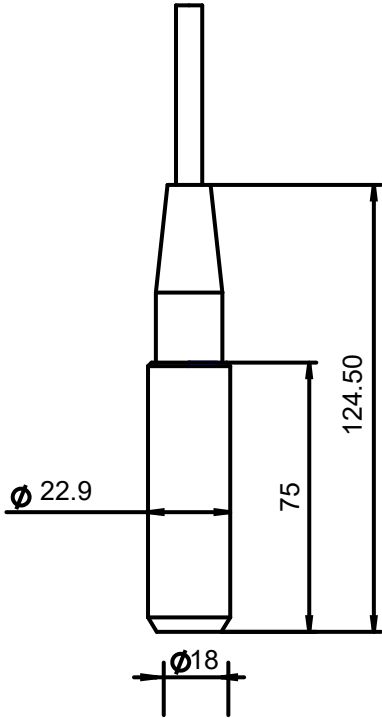
2000424 water level transmitter adopts high performance diffused silicon pressure sensor as the measuring element, which is high reliability, high accuracy and small in volume. It is widely used in measurement of liquid pressure and height in small inside diameter pump as well as level height of liquid reservoir, such as water, oil and mild corrosive liquid. The cable which has vented tube in connects with housing sealed, making sensor connecting to the atmosphere to make sure measurement precise.

Specifications

Pressure range: 0-1M- 200M H₂O
Max overload: 150% of sensor range
Burst pressure: 300% of sensor range Output:
0.5-4.5V, 4-20mA
Power supply: 5V, 12-30V
Accuracy: 0.5%FS/year
Stability: 0.25%FS/year
Housing material:Stainless steel 304
Cable material: Polyethylene, PTFE Ambient
temperature: -20~85°C
Process temperature: -20~85°C
Compensation temperature: -20~85°C
EMC standard Electromagnetic
radiation:EN50081-1/-2
Electromagnetic susceptibility:
EN50082-2
Protection class: IP68
Cable diameter: 1.4mm/wire, 7.4mm for
outside diameter
Insulation resistance: 50MΩ
Polarity protection in the electronic
Circuit: Yes

Dimension

Unit: mm



Wire Connection

4-20mA	red +	blue -		
V output	red +	blue -	yellow signal	

Ordering Code

