CÔNG TY TNHH MTV TM KT ĐẠI NGUYỄN PHÁT
Call: 0904376755
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WNK8010-TT Submersible Level Transmitter V2.0

Introduction

WNK8010-TT 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.

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.

Specifications

Pressure range: 0-1M- 200M H2O
Max overload: 150% of sensor range
Burst pressure: 300% of sensor range
Output: 0.5-4.5V, I2C, 1-5V, 4-20mA, 0-5V, 0-10V
Power supply: 5V, 3.3-5V, 12-30V, 10V, 24V
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 Electrognetic 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

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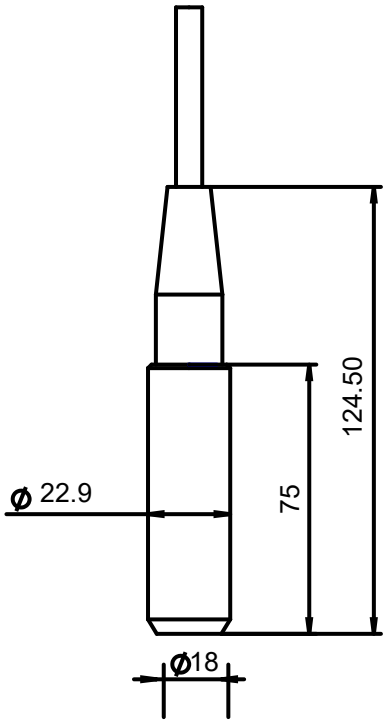
Dimension

Unit: mm



Wire Connection

4-20mA	red +	blue -		
V output	red +	blue -	yellow signal	
I2C	red VCC	yellow SCL	blue GND	black SDA

Ordering Code

WNK8010-TT | XX | XX | XX | XX | XX

- Measured range
  Pls specify
- Probe material
  S1: 304 SST (standard)
  S2:316L SST
- C1: Polyethylene (standard)
  C2: PTFE
- Cable length (Pls specify)
- Output
  D1: 0-5V
  D2: 0-10V
  D3: 4-20mA
  D4: 1-5V
  D5: 0.5-4.5V
  D6: I2C