

HLM - series

PCA COMPANY®
PISHTAZ CONTROL APADANA



PCA 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.



APPLICATION



**WATER
TOWER**



**WATER
PLANT**



**ANIMAL
HUSBANDRY**



**AGRICULTURAL
IRRIGATION**



**WATER
WELL**



**WATER
TREATMENT**



**WATER
SUPPLY**



**WATER
POOL**

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;
- CE certification;

SPECIFICATION PARAMETERS

| | |
|-----------------------|--|
| Pressure range | 0~1M-200M H ₂ O |
| 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 |
| Protection class | IP68 C |
| Insulation resistance | 50MΩ |
| Response time | 20ms |

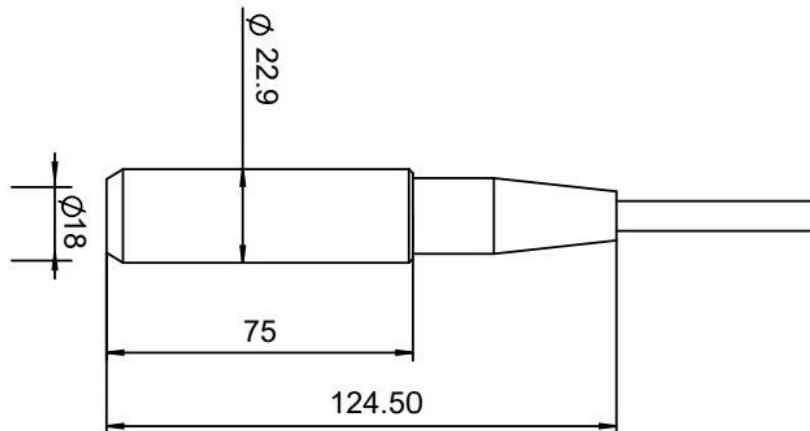
WIRE CONNECTION

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

| | | | | | |
|----------------|----------|--------|--------|-------|--------|
| Output | 0.5-4.5V | I2C | 4-20mA | 1-5V | 0-10V |
| Supply Voltage | 5V | 3.3-5V | 12-24V | 9-30V | 12-30V |

PRODUCT SIZE

Unit:mm



SELECTION GUIDE

