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HZ-VP100

Stratified profile flowmeter

Product introduction:

HZ-VP100 stratified profile flowmeter is a new generation of high-precision online flow measurement product developed for urban rainwater and sewage pipe network flow measurement scenarios. It uses phase difference encoding and pulse accumulation algorithms to perform layered flow measurement on the target water body, achieving an upgrade from point measurement to line measurement.



Technical parameters:

1. Ultrasonic speed measurement range: -6m/s~-0.03m/s & 0.03m/s~6m/s
2. Ultrasonic speed measurement accuracy: ± (0.005m/s + 1%RD)
3. Ultrasonic speed measurement frequency: 1MHz
4. Number of unit layers: 32 layers (extendable to 128 layers)
5. Unit layer size Minimum 1cm
6. Water level measurement range: 10m
7. Water level measurement accuracy: ±1cm
8. Working voltage: DC6～30V
9. Working temperature: -30～+60℃
10. Communication interface: RS485, Modbus
11. Product size: 210×57×20mm
12. Protection level: IP68

