

DW11 Series Pressure Gauge

SMART

REALTIME

TITANIUM

ROBUST



DW11 Series

Daowan DW11 is a kind of pressure (depth) measurement device with small size and light weight. Daowan makes it easy to configure the optimum sampling regime for your measurements, which can be widely used in profiling, tide level, mooring system, towed observation, remotely operated vehicles etc. Our probes offer precise measuring results even under the harshest conditions and work reliably to a depth of over 7200 meters.

Our designs lead the industry in accuracy, cost-effective, stability and power consumption. This type of equipment is durable, stable and easy to integrate with other instrumentation platforms. The probes can be equipped and retrofitted with different sensors. Furthermore, the titanium housing is resistant to most chemical compounds and non-corrosive.

Direct-reading: Power Requirements: 6-18V DC, Interface: RS232 /RS485.

Self-contained: Powered by 3.6V lithium batteries, 200 days continuous work when the sampling interval is 5 minutes. Internal storage is 8GB. This memory can record up to hundreds of millions of sets of depth data.

Specification

| Sensor | Range | Accuracy | Resolution | Typical Stability | Time Response |
|----------|--|----------|------------|-------------------|---------------|
| Pressure | 50, 100, 200, 500, 1000, 2000, 4000, 6000 dbar | ±0.05%FS | 0.002%FS | 0.05%FS per year | 100ms |

Main Features

- High accuracy and low cost
- The most compact, lightweight logger
- Robust and reliable
- Easy to integrate with other instrumentation platforms



Ordering Information

| Cat.No. | Operation Mode | Housing | Rated Depth | Dimensions | Weight in Air | Weight in Water |
|----------|----------------|---------|-------------|-------------|---------------|-----------------|
| DW1113 | Self-contained | TA2 | 1500m | φ26mm*256mm | 0.40kg | 0.25kg |
| DW1113-D | | TC4 | 7200m | φ26mm*256mm | 0.40kg | 0.25kg |
| DW1123 | Direct-reading | TA2 | 1500m | φ26mm*198mm | 0.27kg | 0.15kg |
| DW1123-D | | TC4 | 7200m | φ26mm*198mm | 0.27kg | 0.15kg |

Specifications are subject to change without notice. ©2024 Daowan. All rights reserved. Rev. January 2024