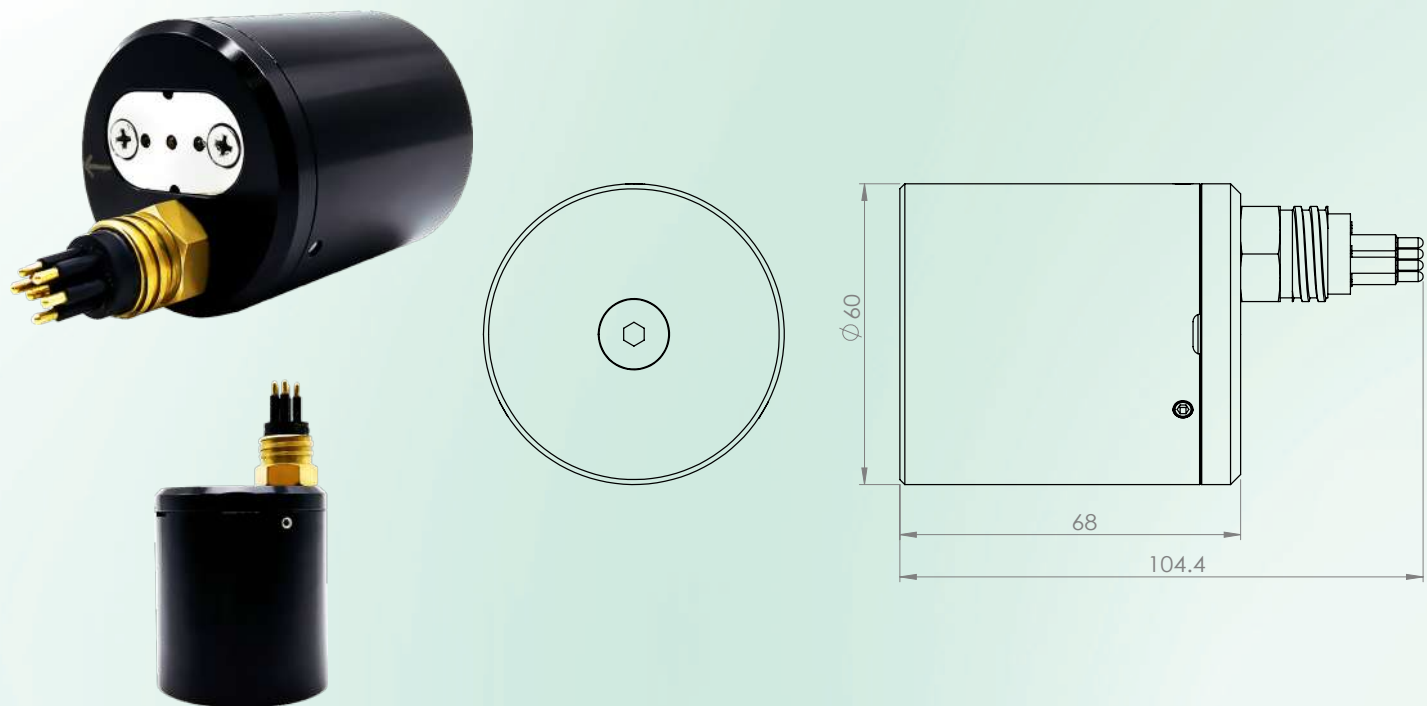


# Underwater Sensor

## PCG-1000X



### Features

- ✓ Heading, pitch&roll, and depth count
- ✓  $\pm 2^\circ$  Heading accuracy
- ✓  $\pm 1^\circ$  Roll & pitch accuracy
- ✓ Sampling rates: 1Hz, 5Hz, 10Hz, 25Hz, or single shot
- ✓ Communication protocol: RS-232
- ✓ Instant plug-in & high reliability
- ✓ Robust and compact
- ✓ Depth rating: 1,000m

### Applications

- ✓ ROV
- ✓ Diving Equipment
- ✓ Underwater survey system
- ✓ Offshore, defense, O&G subsea systems
- ✓ Vessel and winch monitoring

### Specification

|                        |                                       |
|------------------------|---------------------------------------|
| Diemension             | $\varnothing 60 * 68$ mm              |
| Heading Resolution     | $0.01^\circ$                          |
| Heading Accuracy       | $\pm 2^\circ$                         |
| Roll/Pitch Resolution  | $0.01^\circ$                          |
| Roll/Pitch Accuracy    | $\pm 1^\circ$                         |
| Material               | Hard Anodized 6061-T6 Aluminum        |
| Connector              | MCBH06M                               |
| Rate Sensor Parameters |                                       |
| Depth Accuracy         | $\pm 0.05\%$ FS                       |
| Depth Rating           | 1,000M                                |
| System Parameters      |                                       |
| Input Power Forms      | 12 ~ 30 VDC @ 24V                     |
| Battery Life           | N/A                                   |
| Recharge Time          | N/A                                   |
| Power consumption      | < 5 W                                 |
| Serial I/O             | RS-232                                |
| Sampling rates         | 1Hz, 5Hz, 10Hz, 25Hz, or single shot. |
| Operation Temp.        | -10~50 $^\circ$ C                     |