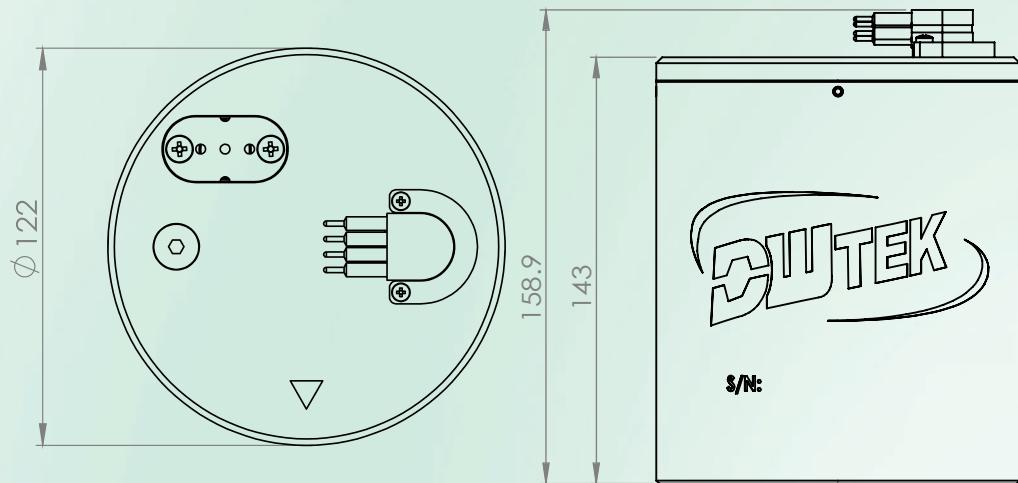


Underwater Sensor

PFG-1000 (FOG)



Features

- ✓ Integrated sensor: heading, pitch&roll, and depth count
- ✓ Fiber-optic gyroscope (FOG) technology against magnetic interference
- ✓ One-hour backup battery prevents data loss
- ✓ Sampling rates: 1Hz, 10Hz, 25Hz, 100Hz, or single shot
- ✓ Depth rating: 1,000m
- ✓ Communication protocol: RS-232
- ✓ Instant plug-in and play, high reliability, robust and compact
- ✓ One-year warranty

Specification

Dimension	Ø122 * 143 mm
Heading Resolution	0.01°
Heading Accuracy	± 0.1°
Roll/Pitch Resolution	0.01°
Roll/Pitch Accuracy	± 1°
Material	Hard Anodized 6061-T6 Aluminum
Connector	LPMCBH08M
Rate Sensor Parameters	
Depth Accuracy	± 0.05% FS
Depth Rating	1,000M
System Parameters	
Input Power Forms	18 ~ 30VDC @ 24V (Recommend)
Battery Life	1 Hour
Recharge Time	0.5 Hour
Power consumption	< 8W
Serial I/O	RS-232
Sampling rates	1Hz, 10Hz, 25Hz, 100Hz, or single shot.
Operation Temp.	-10~50 °C