

1007 Series Altimeter

P/N 974-70010000

KONGSBERG
SIMRAD

The 1007 digital altimeters are small, light weight and designed for deep ocean applications, where dimensions and weight are key equipment selection factors.

The 1007 altimeter is ideally suited to applications such as: positioning, berthing, height above seabed, and below surface monitoring.

Operating Frequency: 200 kHz
Beam Width: 10° nominal
Minimum Range: Adjustable, limited by pulse length
Maximum Range: Adjustable, < 500 M, 300 M usable
Output Resolution: Adjustable, > 2.4mm
Transmit Pulse Widths: Adjustable, 20 to 1000 µS
Repetition Rate: Adjustable, limited by range and power supply
Assumed speed of sound: Adjustable, 1400 to 1600 M/S

Receive Bandwidth: 20 kHz max
Telemetry Protocol: 809/NMEA (default), MS1000
Telemetry Interface: RS-232c, RS-485 (default)
Baud Rate: Maximum 230 kbps
External Hold-off Synchronization: Via serial command

Power Requirement: +22 to +26 Vdc @ 250 mA max
Temperature Range: -10 to +50°C operating
-30 to +50°C storage

Operating Depth: 3000m
Connector: Seacon XSG-4-BCL
Materials: Alum 6061-T6, 300 Series S.S., PVC, Epoxy
Finish: Anodize, Black MIL-A-8625 type II
Dimensions: (3000m) Length 7.75 "/197mm (excludes connector)
Diameter 3.48"/88mm

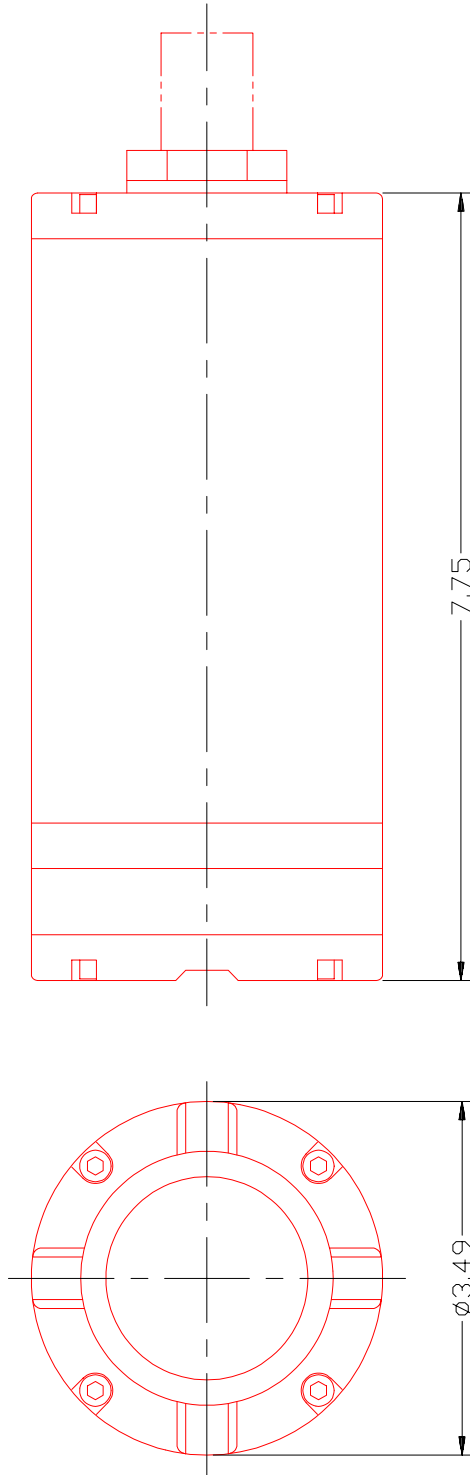
(Est.) Weight: Air 5.2 lbs./2.4 kg
Water 2.4 lbs/1.1 kg



Specifications subject to change without notice
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