

Distance Sensor

HC4-A144/110/75

TECHNICAL SPECIFICATIONS

Uplink transmission

Frequency range: 38.9 – 43.4 kHz
 Source level: 191 dB // 1uPa @ 1m
 Beam width: 55 deg (-3dB)
 Range to vessel: Approx. 2500 m (Note 1)
 Transponder frequencies: 144 / 110 / 75 kHz

Operation

Update rate (AN): Approx. 5 sec
 Update rate (AL): Approx. 12.5 sec
 Max. depth: 1200 m

Battery

Type: NiCd, 24V / 600 mAh
 Charging time: 1.5 hour (QBC-05)
 Operation time: (AN) Approx. 20 hrs
 Operation time: (AL) Approx. 45 hrs
 AL+ Depth/or Temp: Approx. 20 hrs

Measurement

Range: 300 m
 Optional: 600 m
 Accuracy: ± 3% of value

Weight

In air: 5.8 kg
 In water: 2.3 kg

Main dimensions

Length: 299 mm
 Diameter: 125 mm

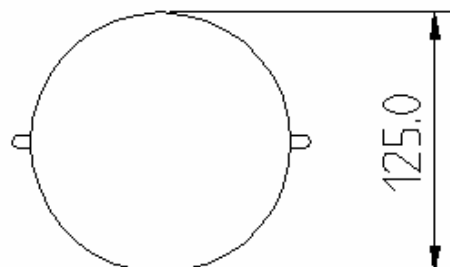
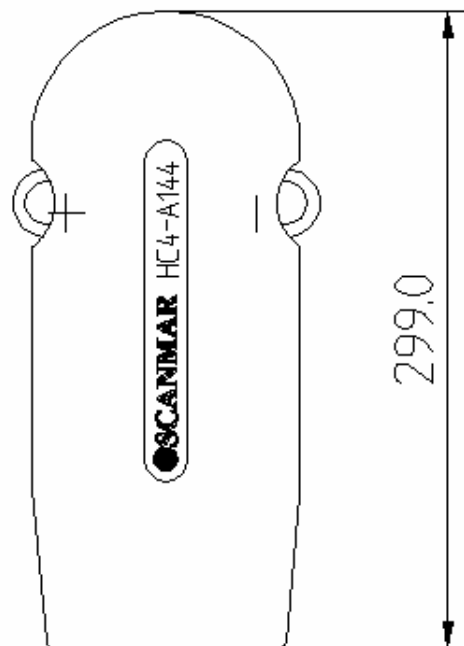
Available accessories & spare parts

Mounting kit trawl door: 103617
 Battery pack: 105486
 Battery charger: QBC-05

Approvals



Note 1: Depends on acoustic conditions, ships noise, mounting and alignment of sensors and hydrophone.



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Note: All specifications are subject to change without prior notice