

Double Distance Sensor

HC4-DA144/110

TECHNICAL SPECIFICATIONS

Uplink transmission

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

Operation

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: (2xAL) Approx. 45 hrs

Measurement

Range standard: 300 m (Note 1)
 Optional: 600 m (Note 1 and 2)
 Accuracy: $\pm 3\%$ of value

Weight

In air: 5.8 kg
 In water: 2.3 kg

Main dimensions

Length: 296 mm
 Diameter: 125 mm

Available accessories & spare parts

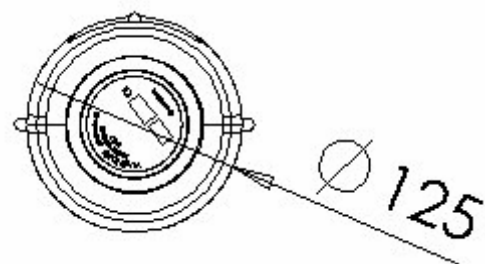
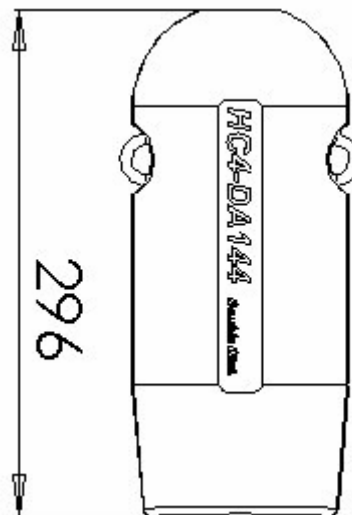
Mounting kit trawl door: 103149
 Battery pack: 105486
 Battery charger: QBC-05

Approvals



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

Note 2: In practice approx. 450m.



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Note: All specifications are subject to change without prior notice