

Accessory Data Sheet Nortek DVL (300m)

The Nortek Doppler Velocity Log (DVL) (300m) is the world's smallest commercially available Doppler Velocity Log. It combines compact design with unprecedented functionality, being able to fly higher in the water column and closer to the seabed than similar equipment. This version has a maximum operational depth of 300m and is ideally suited for subsea navigation where size and weight are a concern. This DVL is used by industry leaders in the subsea market because of its high accuracy and state-of-the-art technology.

TECHNICAL SPECIFICATIONS

Depth rating 300m

Weight (in air) 1.30kg (2.86lb) Weight (in water) 0.15kg (0.33lb) 158mm (6.2in) Height Diameter 114mm (5.66in)

DC input 12-48v

HARDWARE INFORMATION

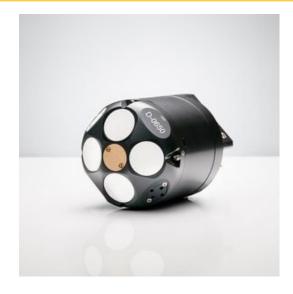
Frequency of Operation 1MHz Beam Width 2.9 degrees

Configuration 4-beam Janus array convex

transducer, 25 degree beam angle

BOTTOM VELOCITY

Single ping std @ 3 m/s 0.5cm/s Minimum altitude 0.2mMaximum altitude 75m



KEY FEATURES

- Industry's smallest DVL
- Bottom track from 0.2-75 m range
- Quality estimates per beam and ping



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