

SM2000 EM speed log

Solving the problems of size, cost, sonar perturbation, water temperature and salinity fluctuation of traditional DVL based underwater navigation solutions, the SM2000 electromagnetic speed log allows reliable speed and distance through water measurement for small to medium size underwater vehicles.

Typical Application

It is designed to be installed on:

- Navy towed pod
- Swimmer Delivery Vehicle
- ROV
- UUV



Features

- Interface RS422 NMEA 0183 format
- Power supply: 12 VDC to 16 VDC
- Output: 1 x RS422 NMEA 0183 format communication
- Input : 1 x RS422
- Water resistant to 30 Bars (300 m deep).
- Speed measurement -30 to +30 Knots resolution 0.01 Kn.
- Distance measurement 0 to 99999.9 NM resolution 0.1 NM
- For the wired version, only the side of the electrodes is in contact with the water (the sensor is installed crossing the hull)

SM2000 Electromagnetic sensor with wired connector (ref.100170)

• Options

- RS422 customer's format on request
- Possibility to add an external DCC (distributor and commutation cabinet)

SM2000 Electromagnetic sensor with watertight connector (ref.107138)

• Dimensions:

- Diameter: 64 mm
- Depth: 92 mm
- Weight: 2 kg

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