

SM2000

Smart sensor

The SM2000 Electromagnetic sensor, with wired or watertight connector, is an intelligent and adjustable sensor. It meets the climatic, mechanical and radio electrical resistance standards applicable to equipment onboard navy ships. It can also be integrated in ROV (remotely operated underwater vehicle).

Typical Application

It is designed to be installed on:

- Navy towed pod
- Combat divers transporter
- Vessels
- Sub-marine
- ROV

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. 107138)

Options

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



SM2000 Electromagnetic sensor with watertight connector (ref. 100170)

Dimensions

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

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