



Gyrocompass Meridian Surveyor

Gyrocompass Meridian Surveyor is to be used as a part of automated hydrographic complex as the main heading measurement sensor on the vessel, and to transfer heading data of NMEA-0183 standard into field software for data collection.

General view of gyrocompass set



Stable course is kept if turning rates exceed 200 degrees per sec. Gyrocompass corresponds with the requirements of the following standards: IMO A 424 (XI), IMO 821 (1bv9), BS EN 60945, BS EN ISO 8728, 1994, BS 6217, 1981, CE marked, EMC and Marine equipment Directive 96/98/EC.

Backboard of main processor unit



Technical characteristics

Statistical accuracy	0,05° x secant latitude
Dynamical accuracy	0,2° x secant latitude
Tracking speed	200°/c
Latitude input	automatic by RS232 or RS422, NMEA 0183 DGNSS or manual
Speed input	automatic from log, relay, manual
Heading compensator	from 80° N to 80° S
Speed compensator	0-90 knots
Number of ports	5
Type of port for data issue	RS-232, RS-422, TTL
Power supply	18-36 v.d.c.
Starting current	1.8 amperes
Dimensions	34.4 x 26.7 x 44.0 cm
Weight	15.5 kg
Operational temperature	from -15°C to +55°C
Storage temperature	from -25°C to +80°C