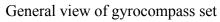


Gyrocompass Meridian Surveyor

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.





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