

# ComNav<sup>®</sup>

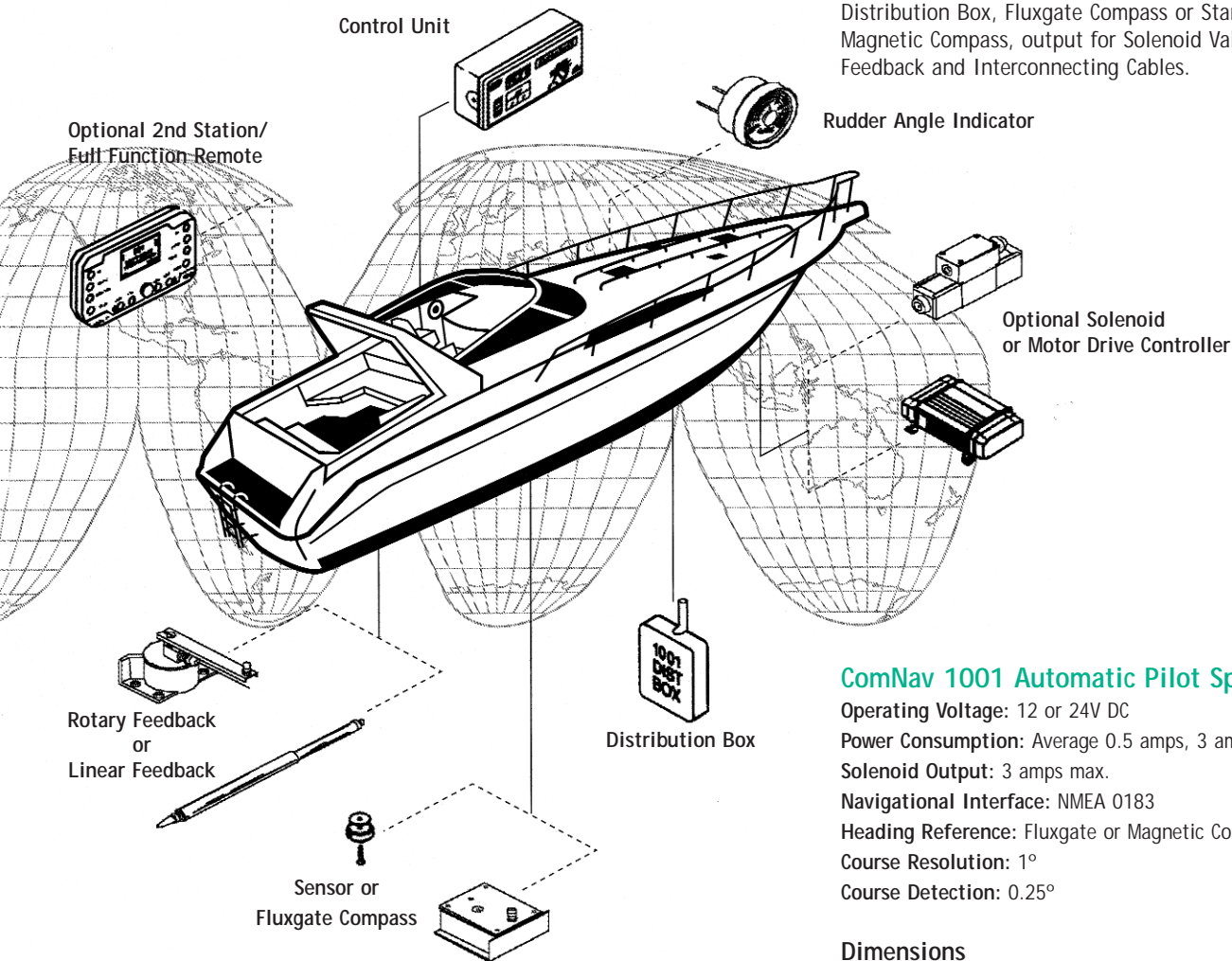


## 1001 Autopilot

**Advanced Technology  
for Accurate Steering  
Simple to Operate**

- Fixed station autopilot
- Suitable for mid-sized vessels, in the range of 30 to 60 feet / 10 to 20 meters
- Three "Turn" functions, Continuous, Emergency and "U" Turns
- Compatible with most standard types of steering systems
- Water resistant Control Head
- Automatic trim
- Adjustable yaw, turn rate and rudder settings
- Easy course changes, from one degree to major changes
- "Nav" mode accepts NMEA 0183 information
- Fast and Slow Modes may be automatically implemented by Nav device
- Ten selectable steering parameters for both Fast and Slow Modes
- Digital display of rudder angle
- Output for optional analog rudder angle indicator, up to 4 stations
- Backlit LCD display for comfortable viewing
- Adjustable brightness and contrast
- Built-in diagnostics and self tests plus visual and audible alarms
- Easy to install and fully compatible with your onboard instruments
- Extended 3 year warranty
- Meets CE requirements
- Reliable in any sea and weather conditions

# 1001 Autopilot



A basic ComNav 1001 electronics package includes: Control Unit, Distribution Box, Fluxgate Compass or Standard Sensor for a Magnetic Compass, output for Solenoid Valves, Rotary or Linear Feedback and Interconnecting Cables.

## ComNav 1001 Automatic Pilot Specifications

Operating Voltage: 12 or 24V DC  
 Power Consumption: Average 0.5 amps, 3 amps Peak  
 Solenoid Output: 3 amps max.  
 Navigational Interface: NMEA 0183  
 Heading Reference: Fluxgate or Magnetic Compass  
 Course Resolution: 1°  
 Course Detection: 0.25°

## Dimensions

Control Unit: 203mm x 83mm x 92mm / 8.0 x 3.26 x 3.6 inches  
 Distribution Box: 114mm x 133mm x 25mm / 4.6 x 5.25 x 1.0 inches  
 Fluxgate Compass: 142mm x 107mm x 76mm / 5.6 x 4.2 x 3.0 inches

## Options

A wide range of fixed or portable full function Remotes.  
 Non Follow-up Jog Switches.  
 Remote Expander used to support up to 4 Remotes.  
 Rudder Angle Indicator, easy-to-read analog display.  
 Rate Stabilized Fluxgate Compass.  
 Motor Drive Controller to interface with pumps or mechanical drives.

# ComNav®

ISO 9001



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