

NAVITRON SYSTEMS LTD

NT920 SMALL VESSEL AUTOPILOT

Comprehensively equipped and simple to operate via a clearly marked rotary Course Selector, the NT920 autopilot provides safe and reliable steering performance for a wide range of smaller commercial duty vessels up to typically 20 metres (65ft) in length.



Model NT920 Dims 220mm x 175mm x 110mm (depth)

A straightforward, intelligent Autopilot solution suitable for Workboats and Fishing Vessels etc. to approx 20m (65ft).

Standard Features: -

- Full P.I.D Intelligence,
- Servo Heading Repeater (Standby mode),
- Rudder Angle Indication,
- Variable Control Panel Illumination.

As supplied, the NT920 Control Unit is suitable for panel or foot bracket mounting and is immediately compatible with a supply voltage range of 11-40Vdc.

Heading data is derived from a Navitron Heading Sensor Coil (HSC) attached above or below the vessel's conventional magnetic compass which should be a good quality externally gymballed device.



Alternatively, a Navitron Heading Data Interface (Type NT920HDI) can be supplied in lieu of the HSC to convert heading data received from a wide range of proprietary electronic (fluxgate) compass types.

Standard outputs from the NT920 Control Unit comprise Port and Stbd switchlines derived from solid state switches rated 11-40Vdc/5A maximum for the control of existing solenoid operated hydraulic valves.

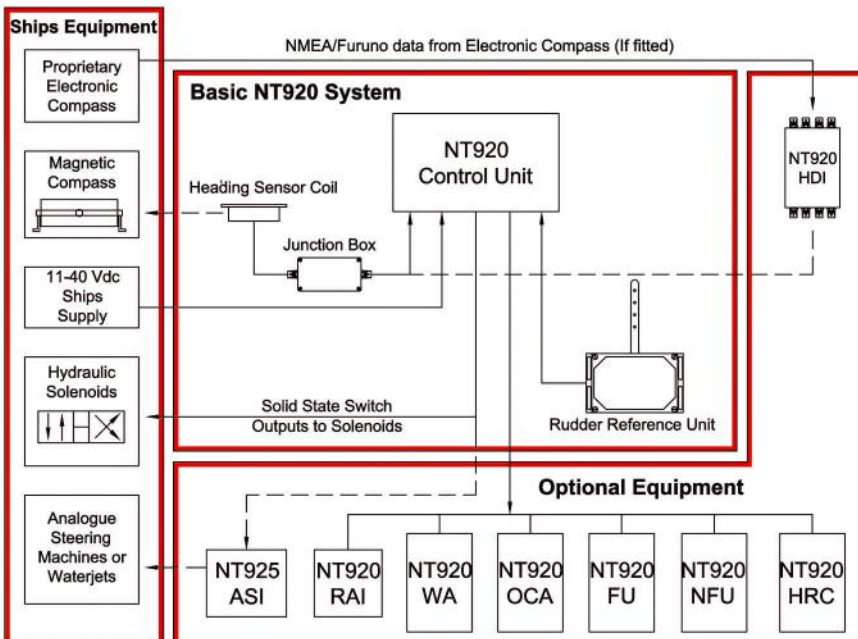
Rudder position feedback signal for the control unit is obtained from a robust Navitron Rudder Reference Unit which includes limit switches and is mechanically coupled to the rudder.



Optionally, analogue signal control of water jets or analogue steering machines requiring +10v/-10v inputs can be configured via the inclusion of a Navitron Analogue Steering Interface (NT925ASI).

Optional Equipment: -

- Rudder Indicators,
- Power Steer Controls,
- Off Course Alarm,
- Watch Alarm,
- Analogue Steering Interface (NT925ASI).



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