MAREX OS III
SPECIFICATIONS

NANNI control systems are designed for all type of ships worldwide. Commercial vessels with classification, passenger Liners, coastal cargo ships and even yachts do rely on engineering expertise Made in Germany.

Regardless of which propulsion concept is required - the reversing gear system, the controllable pitch propeller system, or even new drive concepts such as hybrid systems are using our most proven product: the Marex os 111. Features :

- Easy installation thanks to pre-assembly
- System reliability thanks to one self-monitoring CAN bus per drive train
- Bridge components can also be used in the outside area
- Approval of drawing and FAT upon request

DESIGN
Incomparable aesthetics
Functional
Ergonomic

FLEXIBLE
Modular system architecture
Independent of the type of drive
Easy to install

FEATURES
Programming free
Customized by parameter settings
Optimized capacities

nanni
ENERGY IN BLUE

MAREX OS III
Manoeuvring system

ENGINEERING

LIFE CYCLE MANAGEMENT
- Consultancy during design and refit
- Commissioning and training
- Service and refitting of functions with worldwide network

CONSULTANCY BY EXPERTS
- Technical feasibility
- Project work
- Site inspection including life cycle management

WORLDWIDE NETWORK
- Project work
- Service
- Training
- Sales including consulting

INTEGRATED FUNCTIONS

- Engine control, speed curves and engine stall protection
- Gear operation, reversing maneuver curves
- Control of PTO and PTI, Trolling and Slip & Grip
- Multi-engine systems
- Calculated ship speed
- Shaft brake control
- Internal software PLC to add special functions
- Standard interface for OP system, Autopilot and VDR

COMPONENTS

FEATURES

CONTROL HEADS
Illuminated scale, electric shaft. various designs, different propulsion plants, integrated keypad, triple-engine version available

5. 7" DISPLAY
Freely configurable, 4 illuminated push buttons, digital 4-axis jog dial, readable in the sunlight. ergonomie design, 2 propulsion plants in one display

OPERATING AND INDICATION MODULES
Indication of remote control data & data input

MARINE PROPULSION CONTROLLERS
Single hardware component for different types of propulsion systems, preconfigured functions, software PLC function, error log with real-time stamp, integrated keypad and display

EXTENSION MODULES
VDR interface, NMEA interface, pitch controller for CPP

ACCESSORIES
Prefabricated connecting cables & terminal blacks
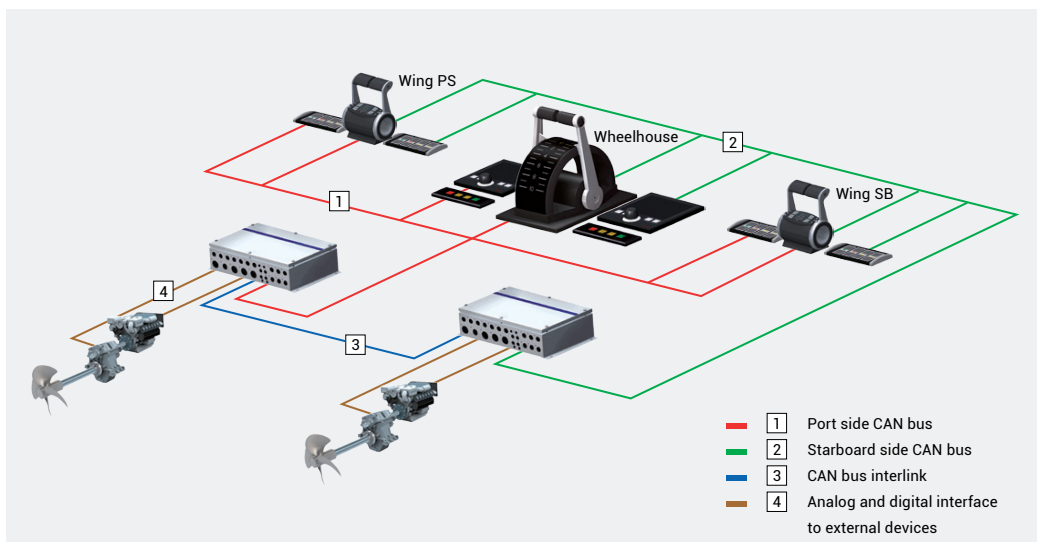
ACTUATORS AND VALVES
Electrical components for mechanical or pneumatie control of variables such as gear shifting, speed, or pitch setting

SERVICE TOOL
Laptop-based parameter transfer and optimization, transfer of parameters between ships within the same production line

SYSTEM

1	Port side CAN bus
2	Starboard side CAN bus
3	CAN bus interlink
4	Analog and digital interface to external devices

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