



INLAND CONTROL SYSTEMS

MAXIMISING YOUR ONBOARD SAFETY

DAMEN

DAMEN MARINE COMPONENTS

SP 2700



ELECTRIC CONTROL AND MONITORING PANEL

RI 2700



RUDDER INDICATOR PANEL

SP 2700

The SP 2700 is a real-time redundant digital steering installation with a control and alarm system. Three options are built into the system, allowing you to choose between main or pilot steering, or directly linked emergency steering. FU steering is optional. Alarms are indicated directly on the SP 2700 and on the starter unit. The SP 2700 is a modern digital steering installation with electrical connections to the bridge.

A unique characteristic of the SP 2700 is its software, which simplifies and improves the start-up process, maintenance and services. In addition, the system was developed with the latest technologies and is in accordance with current and expected regulations.

The SP 2700 system consists of:

- SP 2700 alarm and control panel
- RI 2700 rudder indicator
- TMU 2700 feedback unit
- SP 1000 control and starter unit

The SP 2700 is extra safe and performs considerably above its class. This is because the system is approved and tested for marine standards in enclosed spaces with ambient temperatures from -5° up to +70°.

KEY FEATURES

- Easy, accurate and reliable start up
- Quick and easy service
- Modern and future-oriented system
- Compact
- Suitable for vessels sailing on inland waterways
- Ready for Internet Of Things (IOT)

APPLICATION

The SP 2700 panel can be connected to additional units (i.e., alarms) and it will be possible to link to extensions for multiple operation locations and communication with external systems. This offers possibilities for indicating status information and data logging maintenance information, as well as internet applications to enable service and control from a remote location through cloud connection.

RI 2700

The RI 2700 is an essential device for the wheel-house. This device shows the rudder angle. There must always be one RAI for every single rudder system in the sight of the captain.

CONTROL TO

HP 7000

The HP 7000 is the world's safest proportional hydraulic installation. The control valve in the engine room can be operated directly via a hydraulic displacement system. As the rudder position indicator has its own backup system, this unique steering installation is completely independent of any electrical system and can be used in combination with the latest autopilots. The HP 7000 is a fully hydraulic installation featuring state-of-the-art technology.

The HP 7000 system consists of:

- Alarm, control and indication unit
- Full hydraulic steering system
- TMU 2700 feedback unit
- SP 1000 control and starter unit

The HP 7000 performs considerably above its class. This is because the system can operate without any electrical power and was approved and tested for marine standards in enclosed spaces with ambient temperatures from -5° up to $+70^{\circ}$.

KEY FEATURES

- Exceptionally safe thanks to direct link and controls to emergency steering and two-ply connection
- Fail-safe because of the hydraulically powered control unit for steering
- Exceptionally easy, accurate and reliable startup
- Quick and easy service
- Suitable for vessels sailing on inland waterways
- Ready for Internet Of Things (IOT)

APPLICATION

The HP 7000 panel can be connected to additional units (i.e., alarms) and it will be possible to link to extensions for multiple operation locations and communication with external systems. This offers possibilities for indicating status information and data logging maintenance information, as well as internet applications to enable service and control from a remote location through cloud connection.

FU 2700

The FU 2700 is a follow-up lever, which is a safe additional option to ensure your ability to steer at all times. As a result of this system, the rudders actively follow the lever. The FU 2700 can be combined with both the SP 2700 and the HP 7000 control systems.

HP 7000



HYDRAULIC CONTROL, MONITORING AND INDICATION PANEL

FU 2700



FOLLOW-UP PANEL

PERFECTION



DAMEN

DAMEN MARINE COMPONENTS

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