



The PSM system monitor is the central indicating and operating device of the electrical system on board. It enables the monitoring and controlling of all connected philippi PBUS compatible components and further components connected to PBUS - interfaces. The clear structure of the system monitor PSM provides an intuitive and logical operation via the touchscreen.

PSM MONITOR

The PBUS system design allows to connect more than one system monitor side by side to obtain information about tanks, batteries, energy management and AC-power simultaneously. Alternatively several PSM system monitors may be installed on board at different locations to obtain the required information independently of each other.

The combination of the system monitor PSM with a digital shunt SHC as battery monitor for the main battery including voltage measurement for a starter battery can be the first step for this new system. By fitting additional shunts SHC for further batteries and/or other devices such as tank interfaces or switching interfaces it's easy to extend the system to your desire. All further connections of PBUS components expand the system monitor PSM to a multifunctional monitor.

For the interconnection of the P-BUS components we use the watertight M12 connection system which is well known for industrial purposes under the name DeviceNet®. This connection system is also used by the NMEA2000® system, but please don't connect them directly - due to different CAN-Bus systems and power supply you cannot connect the P-BUS and the NMEA2000® system with one backbone. Only by using the NMEA2000®-bridge CBN it's possible to interconnect them. In order to save valuable energy all connected P-BUS components will be switched to standby mode if all PSM system monitors are in standby mode or switched off.

