

Flexible sensor handling on board – with HOSET 2.0

Missing tank content and draught data when it is most needed? Poor storing conditions on board leading to dead stock or defective spare sensors? Having proper spare sensors on hand during sailings is extremely important.

With more than 2,500 tank gauging and draught measuring systems installed, containing 180,000 pressure sensors, we know how to care about smart sensors and measuring equipment. Having the Hoppe Sensor Toolbox HOSET 2.0 on board, our smart hydrostatic pressure sensors are available for replacement right away, ensuring proper work of the tank gauging and draught measuring systems at any time.

Level and draught detection with our hydrostatic pressure transmitters HCG2011 means long-lasting, reliable and most accurate measurements in every situation. Made for a variety of fluids and environmental conditions, the HCG2011 is one of the most resistant pressure sensor on the market. Stainless steel and titanium housing, combined with a pressure resistance up to 10 bar in IP68-conditions, ensures the precision and durability of our systems.



Nevertheless, at some point every component reaches the end of its lifecycle. This is the moment where HOSET 2.0 shows its advantages. Carrying up to three spare hydrostatic pressure sensors in a robust casing, HOSET 2.0 can be stored on board – always ready for sensor replacements.

Besides providing spare sensors, HOSET 2.0 contains all necessary sensor adapters as well as tools and instruments for sensor calibration and parameterization. Hence, sensor exchange and troubleshooting can be easily performed by the crew while enroute. With the included test unit the sensors can be checked for function prior to replacement. This will save spare sensors and ensures the correct replacement of sensors that are specifically pre-calibrated for the installation site on board.





Our concept of predictive maintenance goes even further. When having our tank gauging and draught measuring systems installed, we are able to collect and to analyze the data of all vessel-specific hydrostatic pressure sensors. Thus, we can look for possible failure patterns to improve the sensor management and fuel management.

With the well-documented process of sensor exchange, parameterization and calibration and with the user-friendly parameterization software LEVELcom HOSET, we support the crew with self service troubleshooting on board and thereby reduce service costs.

Our in-house development and production lead to constant product improvements and system optimization, completed by our tailor-made on board service – all under one roof. With HOSET 2.0 we keep our passion for technology on every vessel and with the full technical control over its portfolio Hoppe Marine remains dedicated to quality, accuracy and reliability.

Want to learn more? Discover our solutions on www.hoppe-marine.com