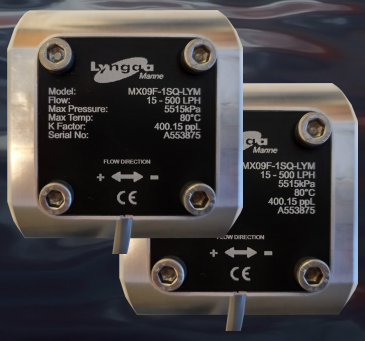
LM*Flow*

Professional fuel consumption monitoring



LM*FLOW*

FOCUS ON FUEL ECONOMY

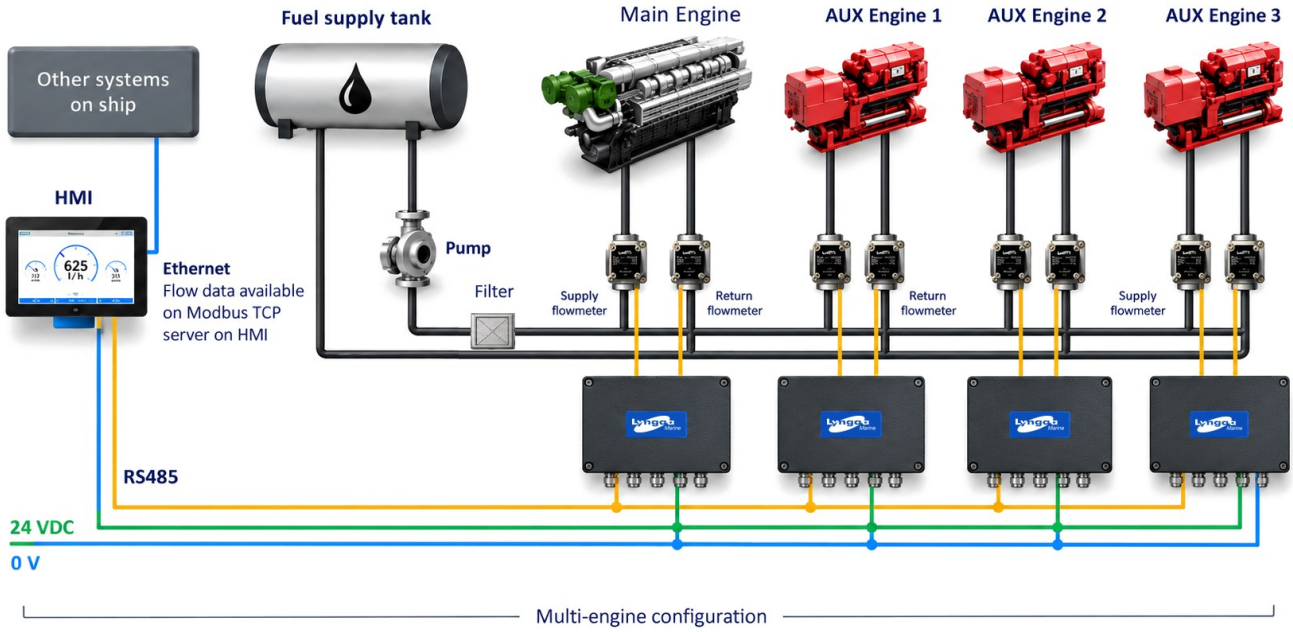
Lyngaa Marine supplies LMFlow as a complete fuel consumption monitoring solution, including flow sensors, processing unit and optional display.

By measuring both fuel supply and return flow, LMFlow provides accurate and reliable data for monitoring and optimising vessel fuel consumption.

The LMFlow system covers flow rates from 2 to 9,600 l/h, making it suitable for engines ranging from small diesel engines to installations with an approximate engine power of up to 6,000 kW.

LMFlow can be integrated into Lyngaa Marine's LMB2100 propulsion control and LMA2100 alarm and monitoring systems. It can also operate as a stand-alone solution or be integrated into monitoring systems from other manufacturers.

LMFlow provides an amplified output signal designed for reliable transmission over longer distances, with improved resistance to electrical interference.



The LM*Flow*—Techincal Features:

- RS485 + Modbus
- Designed for LMxAR series flange mounted flowmeters with built-in temperature sensors
- Optional signal pass-through for external processing
- User-configurable fluid type and custom thermal expansion coefficient (MDO, Water, Lube oil, Gasoline, Custom)
- User configurable flowmeter K-factor and flowmeter type pre-sets
- Trip and total fuel consumption counters
- Up to nine consumers on a single overview screen

LMFLOW
FOCUS ON FUEL ECONOMY

LMFlow onboard 50+ TORM vessels

Since the first deliveries in 2025, the cooperation between TORM and Lyngaa Marine has developed into an extensive rollout of the LMFlow fuel monitoring solution, with additional vessels continuing to be added

Integration with TORM's onboard systems

TORM integrates LMFlow data directly into the vessels' existing and indigenously developed performance monitoring system NEXUS via Modbus, eliminating the need for separate LMFlow displays.

Initially, LMFlow provided the calculated fuel consumption - the difference between supply and return flow. During the rollout, TORM requested access to the individual supply and return flow values as well.

Developed through customer feedback

Based on TORM's feedback, Lyngaa Marine updated the LMFlow solution to make all three values available: supply flow, return flow and calculated fuel consumption. This functionality is now included as standard in the latest LMFlow solution.

LMFlow at a glance

50+	**2-9,600 l/h**	**Temperature**	**Modbus**
TORM Vessels	Flow range	**compensated**	**integration**

Lyngaa Marine, founded in 1998, has over 30 years of experience in the ship building and marine electronics industry

Uptime is critical to our customers, and they are highly dependent on the equipment and solutions supplied by Lyngaa Marine. Their needs are met by our 24/7 service supported by fast availability of spares and equipment direct from our factory in Denmark.

Lyngaa Marine is proud to offer customers access to a range of high-quality marine equipment, engineering solutions and design for the ship building, superyacht and fishing industries.

We are part of the BSI Marine Equipment Group.

One Group. Nine Brands.
Connected by The Sea.

Lyngaa Marine A/S
Topstykket 27
3460 Birkerød
Denmark

Phone: +45 39 90 40 90
Email: sales@lyngaamarine.com
Web: www.lyngaamarine.com

BSI
MARINE EQUIPMENT GROUP