



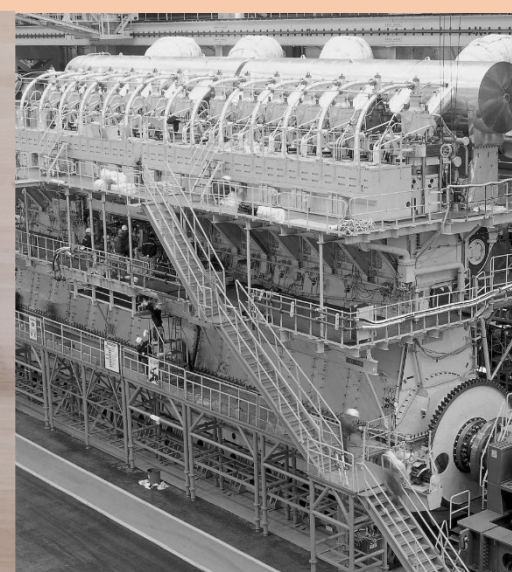
Eefting Energy's Fuel Efficiency Monitoring Systems offer seamless integration with our dynamic trim and roll sensor, providing real-time insight into vessel behavior under actual sailing conditions.

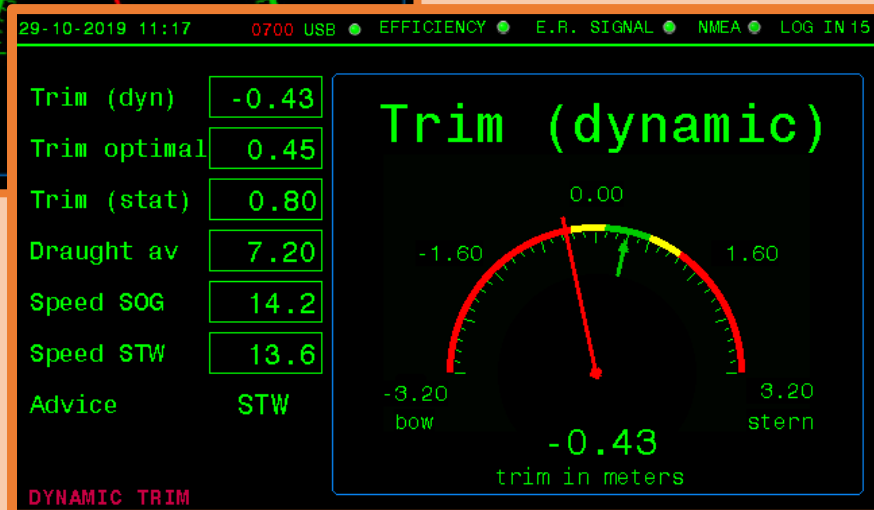
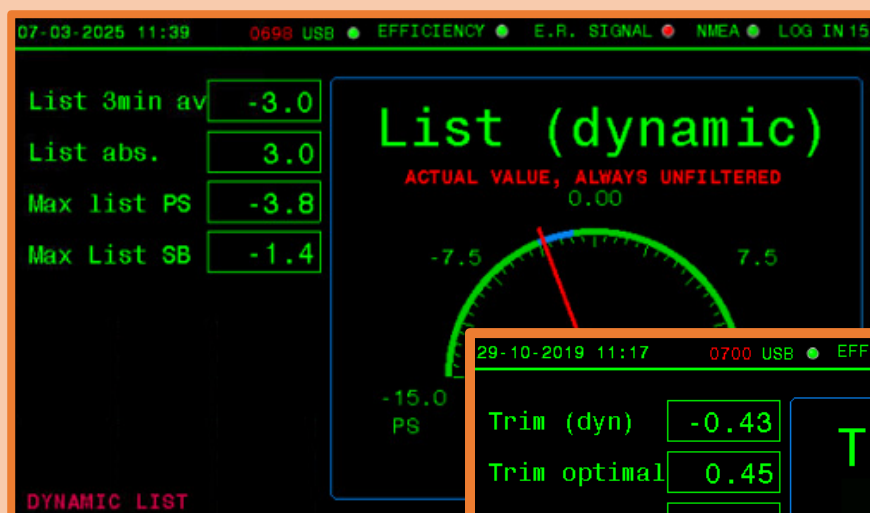
Unlike static trim indicators—which provide limited information under varying speed and draught—dynamic trim monitoring delivers continuous and accurate trim data. This enables operators to make informed decisions, as trim plays a critical role in hydrodynamic performance, fuel consumption, and overall voyage efficiency.

Accurate trim data allows for real-time optimization, translating into measurable performance gains. In fact, vessels equipped with dynamic trim sensors and actively optimizing trim can increase up to 2% additional fuel efficiency, with return on investment achieved in a matter of days to weeks.

Furthermore, roll (or list) data enhances situational awareness. Persistent rolling negatively impacts speed and increases fuel consumption, directly affecting operational efficiency. Monitoring this behavior enables corrective actions—whether through load distribution or stability adjustments—to restore optimal performance.

In short: integrating dynamic trim and roll monitoring is a cost-effective upgrade that supports more efficient, sustainable, and profitable operations.





Some features of the sensors are:

- Compact & rugged design
- Accurate trim & list information
- Easy installation
- 1-2% additional fuel oil savings possible
- Stand-alone executions possible

General technical data:

Power Supply	24VDC
Size lxbxh	160x160x90 mm
Output	4-20mA (2x)
Range	-15 / + 15 °
Accuracy	< 0.1°
Protection	IP67