



WE DELIVER RELIABLE FLOW SOLUTIONS TO THE MARINE INDUSTRY

Eletta - Your partner in marine applications



Reliable and cost-effective flow solutions for the marine sector

Reliable and Cost-Effective Flow Solutions for the Marine Sector. Eletta Flow provides robust flow meters and flow switches tailored for marine environments, supporting critical applications such as cooling water monitoring and lubrication oil systems. Our instruments are manufactured to the highest technical standards and are available in various material options, including marine-grade stainless steel – ensuring long-term performance and corrosion resistance even under the most demanding conditions at sea.

- **Product Efficiency:** Eletta flowmeters and switches can measure both liquids and gases
- **Long life:** Installed base worked well in harsh environments for decades without maintenance.
- **Cost-effectiveness:** Easy to install, reducing costly engineering time
- **Reliable operation:** Withstands vibration and shock with a proven design.

Typical Applications:

- Cooling water circulation for engines and generators
- Monitoring of fuel and lubricating oil systems in engine rooms
- Pump monitoring and dry-running protection
- Flow monitoring in ballast and bilge pumping systems
- Applications in water treatment and sewage systems on board
- HVAC systems (heating, ventilation, cooling) on ships
- Hydraulic control systems and auxiliary systems
- Fire extinguishing systems and sprinklers

Benefits of Eletta's Marine Flow Solutions:

- DNV type-approved for marine application
- Mechanically robust design for saline environments and vibrations
- High reliability – even under varying operating conditions
- Easy to install and maintain
- Swedish-made – globally recognized

CERTIFICATE- DNV Type-Approved for Ships, Offshore Units, and High-Speed Vessels

Eletta's flow meters and flow switches are engineered to withstand the demanding conditions found in marine environments – from high-speed vessels to offshore platforms.

With DNV type approval in accordance with classification rules for ships, offshore units, and high-speed and light craft, we provide safe and proven solutions for critical marine applications.





PR1M

– is designed to meet the demanding requirements of marine operations. Its robust construction uses the liquid flow to activate a spring-loaded paddle and microswitch, triggering an alarm when the flow stops or resumes – a critical function for protecting sensitive on-board systems.

For easy installation on ships or offshore units, the paddle can be trimmed on-site to match the actual pipe dimensions. Positioned directly in line with the flow, the paddle minimizes pressure drop and maintains system efficiency. Note that the function is intended for use in a specific flow direction. The PR1 is a reliable choice for marine monitoring of cooling water, lubrication oil, and other critical fluid systems.

The product meets the requirements for:

- Temperature Class D
- Humidity Class B
- Vibration Class B
- EMC Class B
- Enclosure Class C

Reliable mechanical flow switch with conductive signal output. Ideal for monitoring systems such as cooling water, pumps and filters. Certified according to DNV Classification Rules – Ships, Offshore Units and High Speed and Light Craft.



M3M - series

– Differential pressure transmitter certified for marine applications in accordance with DNV classification rules – ships, offshore units, and high-speed and light craft. It has been type-approved by DNV for installation on vessels classified by DNV.

The product meets the requirements for:

- Temperature Class D
- Humidity Class B
- Vibration Class B
- EMC Class B
- Enclosure Class C

Robust and precise flow meter with differential pressure technology. Ideal for marine systems where reliable flow measurement is needed under varying pressure and temperature conditions.

WE BRING RELIABLE FLOW MONITORS
TO YOUR BUSINESS

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