

LIEX-710/23 Class 1 Division 2 2-MILE FOG SIGNAL

The LIEX-710 is a compact, lightweight, and reliable sound emitter designed for use in marine applications. Each emitter has Marine Grade cast aluminum housing resonant at about 670 hertz. The horn is designed at an optimum frequency to maximize its range rating for both U. S. Coast Guard and IALA criteria. A three LIEX-710 emitter system is designated as the LIEX-710/23. It is **U.S. Coast Guard** approved for two mile range with an output of 133.2 dB with 56 watt input to the emitter. Audio output is omnidirectional.

Proven in over forty years of service in the marine environment, the LIEX-710/23 horn's rugged construction (NEMA 4X rated) and water proof design (IP-66 Ingress Protection) makes this signal ideal for mounting on offshore oil platforms and drilling rigs, offshore wind farms, calm buoys and floating production systems. The horn is short enough to be mounted between decks on platforms. It is **Factory Mutual** approved for **NEC Class I Division 2 Hazardous Areas** and self-certified for **IEC Zone 2 Hazardous Areas**.

LIEX-710/23 POWER SUPPLY

The microprocessor-based control electronics include **remote control** terminals for an **FD-310A fog detector**, a remote coder or an "at will" switch. A fog detector is useful on manned platforms where running the foghorn continuously is a noise irritant. Working without human intervention the foghorn/fog detector automatically activates the foghorn in low visibility when it is required by regulations and prevents it from sounding under all other conditions.

The power supply also includes **remote code selector** terminals for changing the sounding rhythm and terminals for **synchronizing** the horn with other horns or lights. Synchronizing may also be accomplished by a centralized master coder. Terminals are also provided for a **two-hour temporary silence control**. This switch allows a technician to temporarily disable the irritating noise from foghorn. After the time out period foghorn returns to sounding its designated code without the technician having to remember to manually switch the foghorn back on.

FORM NO.: 041311A

SPECIFICATIONS

- **Input voltage:** 10.5-30 VDC
- **Input Power to Horn:** 100 Watts.
- **Input Power to Drivers:** 76 Watts.
- **Nominal Range:** 2-Mile
- **Frequency:** 670HZ/660 HZ.
- **Power Supply:** Primary batteries, Secondary batteries float charged by an AC battery charger or solar array.
- **Weight:** 209 lbs **Shipping weight:** 297lbs
- **Height:** 78 3/4" **Diameter:** 11 7/8"
- **Mounting:** 4 X 7/16" holes on a 11" BC.
- **Ingress Protection:** IP66
- **Corrosion Protection:** NEMA-4X



LIEX 710/23



FM APPROVED CLASS I DIVISION 2

Specifications subject to change without notice