



High audible range

The MSM foghorn model MSN30-Ex automatically provides a 360° beam of sound in the horizontal plane, it is specifically designed to be installed in places with thick fog or in off-shore platforms. Designed as an aid to navigation, it provides an audible range over 2 nautical miles.

FEATURES

- Classification:
GROUP II: Equipment on surface (no mining).
ZONE 1: Category 2.
ATMOSPHERE: GAS.
- Audible range over 2 nautical miles.
- 360° beam of sound in the horizontal plane.
- 3 Stacked emitters.
- Emission of 134 dB at 1 meter.
- Emergency mode as option.
- Protection against corrosion.
- Audible signal Morse code (Letter U or A).
- Junction "d" Box included.



It is manufactured with high-quality and resistant manufacturing materials to achieve a long-service life under the harshest marine conditions. Due to his modular design, it is easy to increase or reduce the sound intensity at will.

This foghorn belongs to the ATEX / IECEx Classification Group II, Category 2 assuring a high protection level. This allows the use of this equipment in potentially explosive atmospheres, classified for Zone 1 and Zone 2.

Designed according to IALA Recommendation G-1162 & E-109

II 2G Ex d IIB T5 Gb IP66.

MSN30-Ex

Foghorn

2 NM

! Specifications subject to change without previous notice.

Technical features

Voltage:	12V d.c., 24V d.c. or 230V a.c.
Power consumption:	90W peak.
Frequency:	832 Hz.
Nominal range:	2 nm.
Sound pressure level:	134dB minimum (calculated at 1 meter).
Bird spike:	Yes.
Morse code:	U or A.
Power consumption:	Approx. 11.7 W average during operation at specific flash character: 13% duty Mo(U) 15S.

Materials and environment

Temperature range:	From -40° to 55°C.
Material emitters covers:	316 Stainless Steel.
Material acoustic emitters:	Marine aluminium.
Support base and other mechanical frame:	Made in AISI 316L Stainless Steel.
Dimensions (L x W x H):	660 x 385 x 2350 mm.
Weight:	260 kg.
Watertightness degree:	IP 66.
Fixings:	Support with 2 hooks, 4 bolts each.

Standards and Certifications

Group II: Equipment in surface (no mining).
Zone 1: Category 2.

General requirements: EN 60079-0 Standard.

Equipment protection by Flameproof Enclosure: "d", EN 60079-1 Standard.

Temperature Class: T5. 100°C.

Protection against Gas: (G).

ATEX Certificate Number: INERIS 02ATEX0073X

IECEx Certificate Number: INE 14.0043X

Options

Other specifications available under request.

