



ETH20MD Loud

EXPLOSION PROOF LOUDSPEAKER

- ✓ Full compliance with directive 2014/34/UE
- ✓ Full compliance with:
EN 60079-0:2012/A11:2013,
EN 60079-1:2014, EN 60079-31:2014
- ✓ Ex db IIB+H2 Gb Ex tb IIIC Db II2GD T6 T5
- ✓ Ex db IIC Gb Ex tb IIIC Db II2GD T6 T5
- ✓ Zone 1, zone 2, zone 21, zone 22

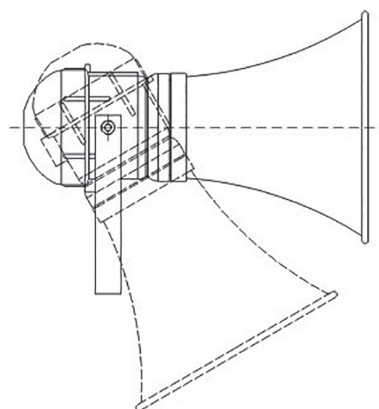
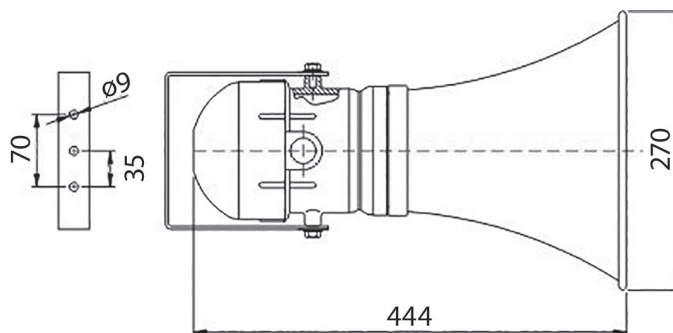


The explosion-proof loudspeakers ETH20MD LOUD series have been designed for use in potentially explosive atmospheres in presence of explosive gases and dusts. They have a high degree of protection (IP66) to withstand the harsh off-shore and on-shore plants environmental conditions. They are suitable for connection to standard amplification system with output 100 V, to alarm systems and for public address.

The chamber of acoustic compression is separated from the outer atmosphere through a special filter of sintering. They are equipped with a transformer offering the possibility to adapt and select the sound level according to the real needs of the installation point.

Materials:

Body, cover and horn cone in aluminium alloy. Adjustable galvanized steel bracket. Bolts and screws in stainless steel. Epoxy coating RAL 7000. Selectable power.



	ETH20MD LOUD
Electrical features	
Selectable power	6 W – 12 W – 20 W – 25 W
Rated voltage	100 V
Audio line	16 Ω
Output	100 ÷ 102 dB @ 6 W 104 ÷ 106 dB @ 12 W 107 ÷ 108 dB @ 20 W 109 ÷ 112 dB @ 25 W
Frequency range	650 ÷ 10 000 Hz @ 6 W 450 ÷ 9000 Hz @ 12 W 400 ÷ 9000 Hz @ 20 W 350 ÷ 10 000 Hz @ 25 W
Environmental	
IP rating	IP66
Min./max. ambient temperature	-20°C / 60°C
Mechanical	
Material	Light alloy body, cover and horn cone
Installation	Adjustable galvanized steel lugs
Hardware	Stainless steel
Gaskets	EPDM
Cable entry	N° 1 Ø 3/4"
Weight	3,5 kg

Outdoor loudness distribution polar diagram:

