Segnalatori acustici **16 TONI**
16 TONES *audible warning devices*



AW-ETH20MD (16 toni)

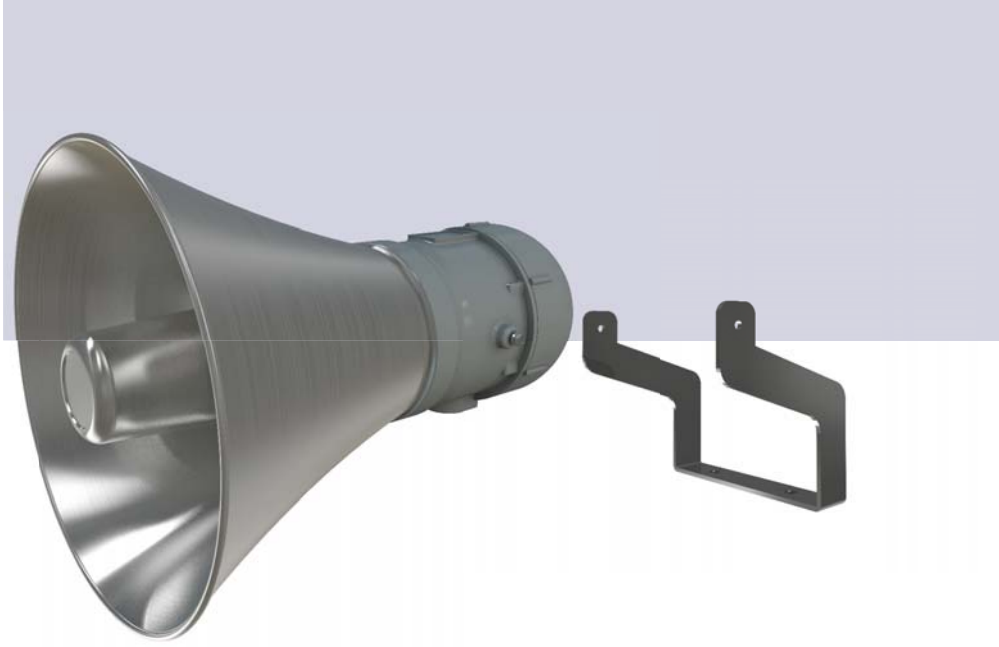
I segnalatori acustici AW-ETH20MD sono utilizzati in ambienti aperti ad alto rumore di fondo, ove sia presente una potenziale atmosfera esplosiva.
Sono dotati di circuito a 16 toni con potenza sonora maggiorata, selezionabili mediante deep-switch.
Il trasduttore acustico ha una impedenza di 16 Ω e una frequenza di 2 KHz.
Versione in lega di alluminio a basso tenore di rame. Tromba diffusore in alluminio estruso anodizzato. La staffa di supporto è in AISI 316L.

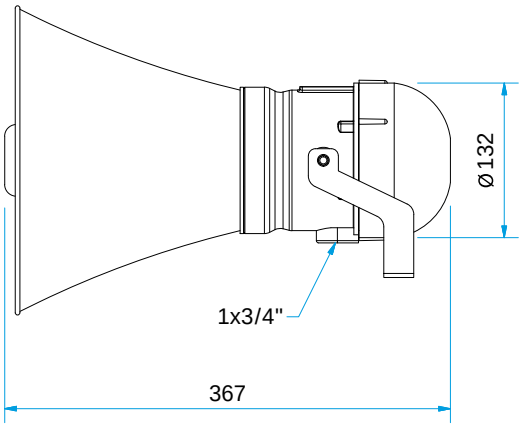
AW-ETH20MD (16 tones)

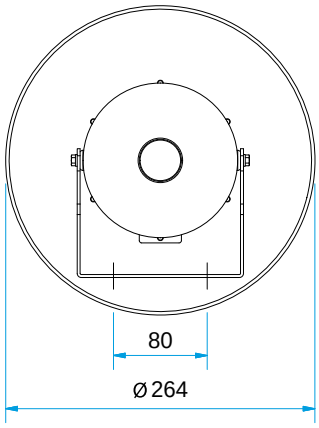
The AW-ETH20MD audible warning devices are for use in open environments with a high background noise, where there is a potential explosive atmosphere.
They are equipped with a electronic circuit with 16 tones with increased sound power, selectable using a deep-switch. The acoustic transducer has a impedence of 16 Ω and a frequency 2 KHz.
It is made of aluminum alloy with low copper content. The diffuser horn is in anodized extruded aluminum.
The mounting bracket is made of ST. ST. 316L.

16 TONI
16 TONES

AW-ETH20MD
lega di alluminio
aluminum alloy







QUOTE IN MM // *DIMENSIONS IN MILLIMETERS*

articoli//*items*

ITEM CODE	POWER SUPPLY V	WORKING CURRENT A	FREQUENCY Hz	POWER CONSUMPTION W	ACOUSTIC FREQUENCY Hz	SOUND OUTPUT dB@1m	WEIGHT KG
AW-ETH20MD-01-AL-15-S	12/24V AC DC	0,16-0,35	50/60	10	340/2000	119	3,10
AW-ETH20MD-01-AL-30-S	48V AC	0,175	50/60	10	340/2000	117	3,25
AW-ETH20MD-01-AL-31-S	48V DC	0,175	--	10	340/2000	117	3,10
AW-ETH20MD-01-AL-50-S	110V AC	0,76	50/60	10	340/2000	119	3,25
AW-ETH20MD-01-AL-51-S	110V DC	0,76	--	10	340/2000	119	3,25
AW-ETH20MD-01-AL-60-S	230V AC	0,036	50/60	10	340/2000	119	3,25

accessori su richiesta//*accessories on request*

> Differenti colori // *Different housing colors available*
> Staffa di supporto AISI 316L // *ST. ST. 316L mounting bracket*
> Pressacavo // *Cable gland*

16 TONI
16 TONES

AW-ETH20MD
lega di alluminio
aluminum alloy

certificazioni//*certification data*

CLASSIFICATION	GROUP II	CATEGORY 2GD
INSTALLATIONS	ZONE 1 – ZONE 2 (GAS)	ZONE 21 – ZONE 22 (DUST)
MARKING	CE Ex II 2G Ex d IIC T4 Gb	II 2D Ex tb IIIC T130°C Db IP 6X
CERTIFICATION	ATEX ISSEP 11 ATEX 040X	
STANDARDS	EN 60079-0 IEC 60079-0 EN 60079-1 IEC 60079-1 EN 60079-31 IEC 60079-31 AND EUROPEAN DIRECTIVE 34/14/UE : 2014	
CLASS TEMPERATURE	130°C (T4)	
AMBIENT TEMPERATURE	-50°C +60°C	
DEGREE OF PROTECTION	IP66	

caratteristiche meccaniche//*mechanical features*

BODY AND COVER	LOW COOPER CONTENT ALUMINUM ALLOY
SPEAKER HORN	ANODIZED ALUMINUM
GASKET	SILICONE ACID/HYDROCARBON RESISTANT
BOLT AND SCREWS	ST. ST. A2
ENTRY	DIRECT 3/4”
ENTRIES	3/4” 7/1 – NPT – M25 X 1.5 THREADED
HOUSING FINISH	EPOXY COATING STANDARD RAL 7000 (GREY) OR RAL 3000 (RED) ON REQUEST

caratteristiche elettriche//*electrical features*

POWER SUPPLY	12/24-48-110-230V
SOUND OUTPUT	119 dB (THE VALUE IS MEASURED ON THE HIGHEST TONE)
FREQUENCY	50/60 Hz
DRIVER IMPEDANCE	16 Ω
SERVICE	CONTINUOUS

16 TONI
16 TONES

AW-ETH20MD 16toni// *16tones*

TONO // *TONE*	DEEP SWITCH • ON - 0 OFF 1	2	3	4	DESCRIZIONE // *DESCRIPTION*
1	0	0	0	0	554HZ 0.1S - 440HZ 0.4S (AFNOR NF32001) ALLARME EVACUAZIONE (FRANCIA) // *554HZ 0.1S - 440HZ 0.4S (AFNOR NF32001) EVACUATION ALARM (FRANCE)*
2	•	0	0	0	650HZ - 1600HZ YELP RAMPA SALITA E DISCESA VELOCE // *650HZ - 1600HZ YELP ALTERNATE FAST TWO-TONE*
3	0	•	0	0	650HZ - 1600HZ WAIL RAMPA SALITA E DISCESA LENTA // *650HZ - 1600HZ WAIL ALTERNATE SLOW TWO-TONE*
4	•	•	0	0	554HZ 1S ON - 1S OFF INTERMITTENTE // *554HZ/ 1S ON -1S OFF INTERMITTENT TONE*
5	0	0	•	0	554HZ CONTINUO // *554HZ CONTINUOUS NOTE*
**6	•	0	•	0	1000HZ CONTINUO - GAS TOSSICO // *1000HZ CONTINUOUS NOTE - TOXIC GAS*
**7	0	•	•	0	1000HZ INTERMITTENTE 1S ON - 1S OFF ALLARME GENERALE // *1000HZ INTERRUPTED TONE 1S ON - 1S OFF GENERAL ALARM*
8	•	•	•	0	800HZ - 1000HZ/0.25S ALTERNATO (ISO 8201 ALLARME EVACUAZIONE) // *800HZ - 1000HZ/0.25S INTERMITTENT (ISO 8201 INTERNATIONAL EVACUATION ALARM)*
**9	0	0	0	•	1200 - 500HZ 1SEC SWEEP ALTERNATO ALLARME EVACUAZIONE (GERMANIA) (PAPA) // *1200 - 500HZ 1SEC REVERSE SWEEP EVACUATION ALARM (GERMANY) (PAPA)*
10	•	0	0	•	500 - 1200HZ, 3.5S/0.5S OFF (NEN 2575:2000) SLOW WHOOP (OLANDA) // *500 - 1200HZ, 3.5S/0.5S OFF (NEN 2575:2000) DUTCH SLOW WHOOP*
11	0	•	0	•	800 - 1000HZ/0.5S ALTERNATO - ALLARME FUOCO // *800 - 1000HZ/0.5S ALTERNATE TWO TONE - FIRE ALARM*
12	•	•	0	•	1000 - 2000HZ ALLARME (SINGAPORE) // *1000 - 2000HZ/0.5S ALTERNATING - ALARM (SINGAPORE)*
13	0	0	•	•	1000HZ/1S ON - 1S OFF 7 VOLTE - POI ON PER 7S - OFF PER 1S - EMERGENZA ALLARME // *1000HZ/1S ON - 1S OFF 7 TIMES - THEN ON FOR 7S - OFF FOR 1S - EMERGENCY ALARM*
14	•	0	•	•	422HZ A SALIRE 775HZ/0.85S (3X) - 1S OFF - RIPETE (NFPA WHOOP) // *422HZ TO 775HZ/0.85S (3X) - 1S OFF - REPEAT (NFPA WHOOP)*
15	0	•	•	•	970HZ/1S OFF - 1S ON INTERMITTENTE (APOLLO FIRE SYSTEM ALLERTA) // *970HZ/1S OFF - 1S ON PULSED (APOLLO FIRE SYSTEM ALERT TONE)*
16	•	•	•	•	970HZ/0.5S - 630HZ/0.5S ALTERNATO (APOLLO FIRE SYSTEM EVACUAZIONE) // *970HZ/0.5S - 630HZ/0.5S ALTERNATING (APOLLO FIRE SYSTEM EVACUATION TONE)*

**ALLARMI SONORI PER INSTALLAZIONI OFFSHORE (PFEER) RACCOMANDATI DA UKOOA // ***THE PFEER SOUND SIGNALS RECOMMENDED BY UKOOA ARE:*

ALLARME GENERALE // *GENERAL ALARM*	SEGNALE SONORO 7 // *SIGNAL 7*	TONO INTERMITTENTE 1000HZ // *INTERRUPTED TONE 1000HZ*
PAPA // *PAPA*	SEGNALE SONORO 9 // *SIGNAL 9*	SWEEP ALTERNATO 1200-500HZ // *REVERSE SWEEP 1200-500HZ*
GAS TOSSICO // *TOXIC GAS*	SEGNALE SONORO 6 // *SIGNAL 6*	TONO CONTINUO 1000HZ // *CONTINUOUS TONE 1000HZ*

16 TONI
16 TONES