

# ETHY20MD-32 4W

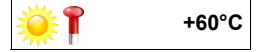
Ex de mb IIB+H2 Gb Ex mb tb IIIC Db II2GD

T5  
T100°C



-40°C

Ex de mb IIC Gb Ex mb tb IIIC Db II2GD



+60°C

**SOUNDER/HORNS 32 TONE  
EXPLOSION PROOF STAINLESS STEEL 316**

zone 1

zone 2

**DIRECTIVE 2014/34/UE**

T6  
T85°C



-40°C

**SIRENA ELETTRONICA 32 TONI  
ANTIDEFAGRANTE STAINLESS STEEL 316**

zone 2

zone 22



IP66



+40°C

## Caratteristiche:

Sirena elettronica di **bassa potenza** a basso consumo energetico. Certificato ATEX a nuova normativa EN60079. I segnalatori acustici serie ETHY20MD-32 4W sono impiegati in ambienti dove è necessario l'utilizzo di una segnalazione di allarme e dove è presente una potenziale atmosfera esplosiva. Le sirene serie ETHY20MD-32 4W sono multifunzione e permettono di avvisare in caso di pericolo e in caso di evacuazione per la presenza di un incendio grazie a 32 differenti suoni selezionabili.

## Features:

**Electronic Sounder lower power** and low current consumption built. Certification ATEX with new standard EN60079. ETHY20MD-32 4W series sirens are used in environments where a warning system is needed and where the atmosphere is potentially explosive. ETHY20MD-32 4W sirens are multi-functional. The 32 different types of sound can be programmed to provide warning in the event of danger or evacuation in the case of fire.

## Materiali:

Costruita in AISI 316, provvista di circuito elettronico di modulazione ed unità di risonanza. Il suono è amplificato da una tromba esterna di tipo esponenziale in ALLUMINIO ANODIZZATO.

## Materials:

Built in STAINLESS STEEL 316, supplied with electronic modular circuit and resonance unit. The sound is amplified by an external exponential ANODIZED ALUMINUM trumpet.



**STAINLESS STEEL  
316**

### PESO / WEIGHT

**4Kg**

### PROTEZIONE / PROTECTION

**IP66**

### MONTAGGIO / MOUNTING

**STAFFA DI FISSAGGIO  
MOUNTING BRACKET**

### SERVIZIO / SERVICE

**CONTINUO  
CONTINUOUS**

**32 SUONI SELEZIONABILI  
32 TONE SELECTABLE**

**No. of stages**

**3**

Includes an integral volume control which is ideal when a lower output is required.

Controllo del volume integrato che è l'ideale quando è richiesta una potenza inferiore.

### ACCESSORI A RICHIESTA ACCESSORIES ON REQUEST

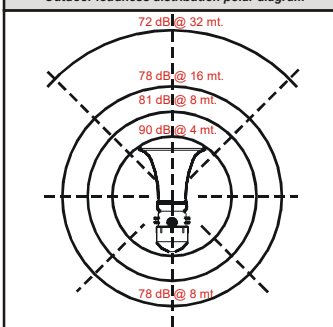
VERNICIATURA EPOSSIDICA  
YELLOW - BLUE  
GREY - BLACK

EPOXY COATING  
YELLOW - BLUE  
GREY - BLACK

### Specifica tecnica / Technical specification

CODICE / CODE: 32	ETHY20MD32/4/24	ETHY20MD32/4/48AC	ETHY20MD32/4/48DC	ETHY20MD32/4/115AC	ETHY20MD32/4/115DC	ETHY20MD32/4/230
Tensione / Voltage	24VAC/DC	48VAC	48VDC	115VAC	115VDC	230VAC
Corrente / Rated current	0,220A a 24V AC/DC					
Temperatura ambiente / Working temperature	T6: -40°C +40°C			T5: -40°C +60°C		
Colore / Color	EPOXY COATING RED RAL3000 - OTHER COLOR ON REQUEST					
Livello sonoro / Sound power	101/104 dB - 1 mt			91/94 dB - 3 mt		
Imbocco / Cable entry	2 X M16 or 2X M20					
Dimensioni / Dimensions	Vedere dettagli / See detail					

Diagramma polare di distribuzione sonora in aria libera  
Outdoor loudness distribution polar diagram



Kroma mec S.r.l.



Tone N°	DIP SWITCH				
	DIP1	DIP2	DIP3	DIP4	DIP5
1	0	0	0	0	0
2	1	0	0	0	0
3	0	1	0	0	0
4	1	1	0	0	0
5	0	0	1	0	0
6	1	0	1	0	0
7	0	1	1	0	0
8	1	1	1	0	0
9	0	0	0	1	0
10	1	0	0	1	0
11	0	1	0	1	0
12	1	1	0	1	0
13	0	0	1	1	0
14	1	0	1	1	0
15	0	1	1	1	0
16	1	1	1	1	0
17	0	0	0	0	1
18	1	0	0	0	1
19	0	1	0	0	1
20	1	1	0	0	1
21	0	0	1	0	1
22	1	0	1	0	1
23	0	1	1	0	1
24	1	1	1	0	1
25	0	0	0	1	1
26	1	0	0	1	1
27	0	1	0	1	1
28	1	1	0	1	1
29	0	0	1	1	1
30	1	0	1	1	1
31	0	1	1	1	1
32	1	1	1	1	1

# TABELLA TONI TONE TABLE

## STAGE 1

## Description

## STAGE 2 STAGE 3

T 1	Continuous 1000Hz Toxic Gas Alarm	T 31	T 11
T 2	Alternating 800/1000Hz at 0.25s intervals	T 17	T 5
T 3	Slow Whoop 500/12 00Hz at 0.3Hz with 0.5s gap repeated	T 2	T 5
T 4	Sweeping 800/1000 at 1Hz	T 6	T 5
T 5	Continuous at 2400Hz	T 3	T 27
T 6	Sweeping 2400/2900Hz at 7Hz	T 7	T 5
T 7	Sweeping 2400/2900Hz at 1Hz	T 10	T 5
T 8	Siren 500/1200/500Hz at 0.3Hz	T 2	T 5
T 9	Sawtooth 1200/500Hz at 1Hz	T 15	T 2
T 10	Alternating 2400/2 900Hz at 2 Hz	T 7	T 5
T 11	Intermittent 1000Hz at 0.5Hz General alarm	T 31	T 1
T 12	Alternating 800/1000Hz at 0.875Hz	T 4	T 5
T 13	Intermittent 2400Hz at 1Hz	T 15	T 5
T 14	Intermittent 800Hz 0.25s on 1s off	T 4	T 5
T 15	Continuous at 800Hz	T 2	T 5
T 16	Intermittent 660Hz 150mS on, 150mS off	T 18	T 5
T 17	Alternating 544Hz (100mS)/440Hz(400mS)	T 2	T 27
T 18	Intermittent 660Hz 1.8s on, 1.8s off	T 2	T 5
T 19	1400Hz to 1600Hz sweep up over 1s	T 2	T 5
	1600Hz to 1400Hz sweep down over 0,5s	T 2	T 5
T 20	Continuous 660Hz	T 2	T 5
T 21	Alternating 554/440Hz at 1Hz	T 2	T 5
T 22	Intermittent 554Hz at 0.875Hz	T 2	T 5
T 23	800Hz pulsing at 2 Hz	T 6	T 5
T 24	Sweeping 800/1000Hz at 50Hz	T 29	T 5
T 25	Sweeping 2400/2900Hz at 50Hz	T 29	T 5
T 26	Simulated bell sound	T 2	T 1
T 27	Continuous 554Hz	T 26	T 5
T 28	Continuous 440Hz	T 2	T 5
T 29	Sweeping 800/1000Hz at 7Hz	T 7	T 5
T 30	420Hz repeating 0.62 5s on, 0.625s off Australian alert signal	T 32	T 5
T 31	1200/500Hz at 1 Hz Prepare to Abandon Platform	T 11	T 1
T 32	Sweeping 500/1200Hz 3.75s on, 0.25s off 15Hz	T 26	T 1