

APD100SS-OMNI LOUD

Ex db IIB+H2 Gb Ex tb IIIC Db II2GD

T4



-20°C



+40°C

LOUDSPEAKER EXPLOSION PROOF LINE
100V AUDIO AMPLIFICATION OMNI-DIRECTIONAL

zone 1

zone 2

DIRECTIVE 2014/34/UE

T3



-20°C

ALTOPARLANTE ANTIDEFLAGRANTE LINEA
AMPLIFICAZIONE AUDIO 100V OMNI-DIREZIONALE

zone 2

zone 22



IP66



+60°C

Caratteristiche:

Gli avvisatori vocali antideflagranti serie APD100SS-OMNI-LOUD **OMNI-DIREZIONALE** sono stati progettati per l'uso in atmosfere potenzialmente esplosive in presenza di gas e polveri. Hanno un grado di protezione elevato (IP66) per far fronte alle difficili condizioni ambientali riscontrabili sugli impianti off-shore e on-shore. Sono adatti per il collegamento a sistemi di amplificazione standard a 100V, per la comunicazione al pubblico e per il collegamento a sistemi di allarme. La camera di compressione acustica è separata dall'ambiente tramite un filtro speciale di sinterizzazione. Sono dotati di un trasformatore ed è possibile adattare e selezionare il livello sonoro in base alle reali esigenze del luogo d'installazione.

Features:

The explosion-proof loudspeakers APD100SS-OMNI-LOUD **OMNI-DIRECTIONAL** 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 100V, 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.

Materiali:

Costruita in **ACCIAIO INOX 316L**, provvista di circuito elettronico di modulazione ed unità di risonanza. Il suono è amplificato a 360°.

Materials:

Built in **STAINLESS STEEL 316L**, supplied with electronic modular circuit and resonance unit. The sound is amplified to 360°.



PESO / WEIGHT

10Kg

PROTEZIONE / PROTECTION

IP66

MONTAGGIO / MOUNTING

**STAFFA DI FISSAGGIO
MOUNTING BRACKET**

SERVIZIO / SERVICE

**CONTINUO
CONTINUOUS**

Stainless Steel 316L

**ACCESSORI A RICHIESTA
ACCESSORIES ON REQUEST**

**VERNICIATURA EPOSSIDICA
YELLOW - BLUE
GREY - BLACK**

**EPOXY COATING
YELLOW - BLUE
GREY - BLACK**

Caratteristiche elettriche

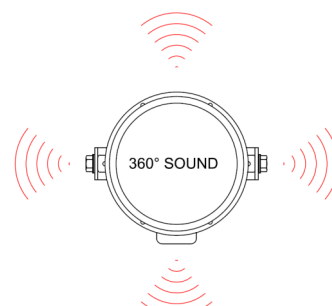
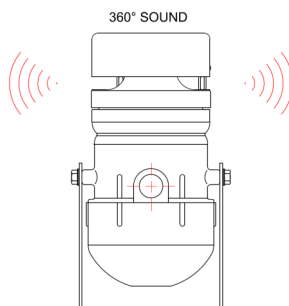
Potenza Selezionabile:	6W - 12W - 20W - 25W
Tensione Nominale:	100 Volt
Linea audio:	16 Ohm
Uscita:	100 ÷ 102 dB @ 6W 104 ÷ 106 dB @ 12W 107 ÷ 108 dB @ 20W 109 ÷ 112 dB @ 25W
Frequenze:	650 ÷ 10000Hz @ 6W 450 ÷ 9000Hz @ 12W 400 ÷ 9000Hz @ 20W 350 ÷ 10000Hz @ 25W

Electrical features

Selectable power	6W - 12W - 20W - 25W
Rated voltage:	100 Volt
Audio line:	16 Ohm
Output:	100 ÷ 102 dB @ 6W 104 ÷ 106 dB @ 12W 107 ÷ 108 dB @ 20W 109 ÷ 112 dB @ 25W
Frequency range:	650 ÷ 10000Hz @ 6W 450 ÷ 9000Hz @ 12W 400 ÷ 9000Hz @ 20W 350 ÷ 10000Hz @ 25W

ALTOPARLANTE omni-direzionale

LOUDSPEAKER omni-directional



Kroma mec S.r.l.



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 500/1200Hz 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 2400/2900Hz 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 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