

Fire detection and evacuation solutions that save lives.

# BEx Flameproof Loudspeaker

## Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket
- IN & OUT terminals (Ex de version only)

## Description

The flameproof BExL25 100V PA loudspeaker is suitable for Zone 1, 2, 21 and 22 applications.

The loudspeaker features an enclosure manufactured from corrosion proof, marine grade copper free LM6 aluminium which is phosphated and powder coated.

The re-entrant flare horns are manufactured from high impact, fire retardant ABS. The loudspeaker has large termination areas containing in & out terminals and an ingress protection of IP66/67.

## Classification

ATEX / IECEx:

II 2 G Ex d IIB T4 Ta. -50° to +70°C

II 2 G Ex d IIC T4 Ta. -50° to +55°C

GOST-R:

1ExdIICT4 Ta. -50° to +55°C T100°C

DIP A2 1 Ta T4



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## Item Numbers

**4113-9001** BEx Flameproof Loudspeaker

## Specifications

SPL	105dB +/-3dB @ 1w @ 1m (Pink) 119dB +/-3dB @ 25w @ 1m (Rated)
Rated power	25 Watts RMS
100v line tapings	25w / 12.5w / 6w / 2w tapings (z=400 Ohms /800 Ohms / 1.67k Ohms / 5k Ohms)
Low impedance	8 Ohm or 16 Ohm
Dispersion	130° @ 1kHz & 32° @ 4kHz
Frequency range	300Hz to 8000 Hz
DC Line monitoring	2.2µF Capacitor (Transformer) 470µF Capacitor (Impedance)
Ingress protection	L25D: IP66/67 L25E : IP66
Housing material	Marine grade copper free LM6 Aluminium
Housing finish	Phosphated & powder coated finish - anti-corrosion
Colour	RAL3000 Red
Cable entries	Dual M20 ISO (one stopping plug inc)
Terminals	0.5 to 2.5mm <sup>2</sup> cables
Weight	70/100V line: 3.95kg/8.69lbs Low imp.: 3.56kg/7.83lbs