

Press information

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BEx Appello explosion proof speech and tone sounder
Released 29 January 2002

The latest version of the 110 and 113dB(A) BEx explosion-proof sounders to be introduced by European Safety Systems is the Appello, a unit designed for use in Hazardous Areas both on- and offshore. The unit has a single alarm stage, with a choice of ten tones that can be combined with a user-recordable message up to 16 seconds in length. The tones include the PFEER/UKOOA "Toxic Gas Alarm", "General Alarm" and "Prepare to Abandon Platform" warnings, which, with the reinforcement of a specific voice message, provide a clear and unambiguous warning to personnel; the unit can be used as a voice-only annunciator if required. Messages can be factory preset or user-recorded using the built in microphone; the unique direct digital storage in non-volatile memory ensures outstanding clarity of the broadcast message.

The BEx Appello is available in both EEx d and EEx de ratings and is suitable for use in Zone 1 and 2, Gas Group IIC environments; it operates from 24VDC, 115VAC and 230VAC, with low current draw at all voltages. For ease of installation, particularly when using large diameter solid cable, a major feature is the large termination area. The EEx d version accepts either one 4mm² or two 2.5mm² cables, the EEx de units can accommodate two 4mm² cables and have dual in and out terminals.

The unit is sealed to IP66, the body is manufactured from marine grade LM6 aluminium, the horn is fire-retardant high impact ABS and all units have a ratchet adjustable stainless steel 'U' mounting bracket with positive stops every 15°.

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Notes to Editors.

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European Safety Systems specialise in the design and manufacture of a wide range of Intrinsically Safe and Explosion Proof high performance sounders, strobes and beacons, including unique intelligent annunciation and audio messaging devices employing direct analogue signal storage on silicon technology.