

Press information

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TELEPHONE INITIATED EXPLOSION PROOF SOUNDERS AND BEACONS FOR USE IN NOISY AREAS

Released 1 November 2000

The BEx range of Hazardous Area sounders and beacons from European Safety Systems has been extended with the introduction of a telephone initiation capability. Intended for use in noisy areas, any standard telephone can be used to initiate either a 110dB(A) sounder or a 5 Joule beacon to attract attention to an incoming call. In an environment with a background ambient noise level of 70 to 80db(A), the BEx sounder is audible over an area of approximately 600m².

32 different tones are programmed into the sounder, including a very realistic mimic of a telephone ringing tone. The BEx sounder or strobe detects the ringing voltage on the telephone line and switches the supply onto signal until the telephone is answered.

The EEx d rated units are ATEX/KEMA/CENELEC Certified, suitable for Zone 1 and 2, Gas Group IIC. A major feature is the large termination area, making installation very much easier; the EEx d versions accept either one 4mm² or two 2.5mm² cables.

Both sounders and strobes are fitted with two 20mm cable entries and all units have a ratchet adjustable stainless steel 'U' mounting bracket with positive stops every 15 degrees.

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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.