

External Alarm System

Produces audible and visual warning signals

Applications

- Generates highly audible and visual warning signals

Features and Benefits

- Independent audio and visual channels
- Explosion-proof, IP67 ingress protection rated design
- Corrosion-resistant aluminum enclosure

Tool Description

The external alarm system produces audible and visual warning signals. Each alarm is independent and can be assigned to any parameter, sensor, or channel. The audio alarm uses a radial omnidirectional horn with a maximum output of 110 dB. It has a low current drain, which enables alarm wiring to be run over a long distance. The visual alarm uses an array of high-power LEDs with a maximum steady output of 87 candela (cd) and 160 cd while flashing. It can be mounted in any orientation, and can be installed at any point around the rig, such as the rig floor and mud pit room.

Certifications

The audio alarm is IECEx listed for use globally. This alarm has the following conformity codings:

- Ex d IIB T4 Gb -58° to +158°F (-50° to +70°C)
- Ex d IIC T4 Gb -58° to +131°F (-50° to +55°C)

The visual alarm is IECEx listed for use globally. This alarm has the following conformity codings:

- Ex d IIC T6 Gb -58° to +140°F (-50° to +60°C)
- Ex d IIC T5 Gb -58° to +158°F (-50° to +70°C)

Specifications

Brand	e2S Warning Signals	
Installation location	Any location at the rigsite, typically on the rig floor	
Alarm type	Audio	Visual
Model	BExS110	BExBGL2
Power input	24 Volts DC	
Lens color	Not applicable	Red (also available in other colors)
Output	110 dB	87 cd (high power steady) 160 cd (1-Hz flashing)



The external alarm system is suitable for hazardous locations at indoor, outdoor, and marine settings.

