

#### **SPECIFICATION**

**Power Supply** 

Model 24Vdc 115Vac 230Vac 20 to 28V dc 115V±10% 230V±10% Voltage 250mA 110mA 56mA Current sounder 270mA 140mA 55mA beacon

Output

110dB(A) nominal ±3dB at 1m Sounder 32 selectable sounds

Three stage output 5 joule Xenon at 1Hz

Choice of six lens colours: amber, blue, clear, green, red, yellow

Certification **Europe ATEX** 

Beacon

Code Group II Category 2G

Ex d IIB T4 Tamb -50 to +70°C

Group II Category 2D

Dust option Ex tD A21 IP6X T100 Tamb +55°C See How to Ex tD A21 IP6X T115 Tamb +70°C Order

Certificate no. KEMA 01ATEX2223X

Location

Zone 1 or 2 Gas Dust Zone 21 or 22

End of line A resistor or diode may be fitted inside the enclosure monitoring or line continuity. The resistor must have a minimum value of 3,300W and a minimum power rating of 0.5W, or monitoring

a minimum value of 500W and a minimum power rating of 2W. (24V model only)

International IECEx

Ex d IIB T4 Ta -50°C to +70°C Code

Dust option Ex tD A21 IP6X T100 Ta +55°C See How to Ex tD A21 IP6X T115 Ta +70°C Order Certificate no. ECEx KEM 10.0025X

**Environmental** 

Operating temp.-50 to +70°C See certificate for details

Storage temp. -50 to +70°C Enclosure IP67

**FMC** In accordance with EU Directive 2004/108/EC

Mechanical

Enclosure material

Body Marine grade LM6 aluminium, phosphated & powder coated finish providing good

resistance to high humidity and salt spray.

Horn Gas cert.

High impact UL94, V0 & 5VA FR ABS

Anti-static, high impact ABS Dust cert.

Lens Glass Lens guard Stainless steel

& fittings.

Terminals Screw clamp for 0.5 - 4mm<sup>2</sup> cables Two M20, one fitted with stopping plug Cable entry

Weight

Accessories

Pipe mounting BA393 stainless steel heavy duty using 'V' bolt for 40 - 80mm outside diameter vertical

or horizontal pipe

Tag plate Etched stainless steel plate fitted to beacon

'U' bracket.

### Please specify

Cert. & Model No.

BExCS110-05D Gas cert.

Gas & dust cert.

BExDCS110-05D

Voltage 24V dc; 115V ac or 230V ac

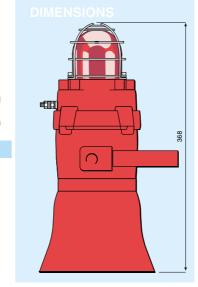
Lens colour Red; amber; yellow; green; blue or clear

Accessories

Tag plate Legend required

Pipe mounting

kit BA393



## **BExCS110-05D**

# Combined sounder and flashing beacon

Flameproof for use in gas & dust hazardous areas

- **Flameproof** ATEX gas or ATEX gas & dust **Both versions have IECEx** certification
- **High output sounder** 110dB(A) typical 5 joule Beacon
- **IP67** protection
- 32 different sounds
- Second & third stage sounds

The BExCS110-05D is a flameproof combined sounder and flashing beacon for use in hazardous areas. Separate terminals for the sounder and beacon enable each to be controlled individually and a wide selection of lens colours plus 32 different sound outputs result in a versatile device which will satisfy most applicational requirements.

Three different sounds may be remotely selected so that one combined sounder and beacon can indicate three different alarm conditions. When maximum loudness is not required, the level may be reduced by an internal volume control.

The beacon produces a regular bright flash once every second and will attract attention in most lighting conditions.



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