

## SPECIFICATION

### Power Supply

Model	12V dc	24V dc	48V dc	115V ac	230V ac
Voltage	sounder ±25%	±25%	±25%	±10%	±10%
	beacon ±16%	±16%	±12%	±10%	±10%
Current	sounder 195mA	265mA	130mA	110mA	56mA
	beacon 750mA	300mA	180mA	140mA	55mA

### Output

Sounder	110dB(A) nominal ±3dB at 1m 32 selectable sounds Three stage output
Beacon	5 joule Xenon at 1Hz Choice of six lens colours: amber, blue, clear, green, red, yellow

### Certification Europe ATEX

Code	II 2 G Ex d IIB T5 Gb Ta. -50°C to +40°C II 2 G Ex d IIB T4 Gb Ta. -50°C to +70°C II 2 D Ex tb IIIC T110°C Db Ta. -50°C to +55°C II 2 D Ex tb IIIC T125°C Db Ta. -50°C to +70°C
Certificate no.	KEMA 01ATEX2223X

Location	
Gas	Zone 1 or 2
Dust	Zone 21 or 22

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

### International IECEx

Code	II 2 G Ex d IIB T5 Gb Ta. -50°C to +40°C II 2 G Ex d IIB T4 Gb Ta. -50°C to +70°C II 2 D Ex tb IIIC T110°C Db Ta. -50°C to +55°C II 2 D Ex tb IIIC T125°C Db Ta. -50°C to +70°C
Certificate no.	IECEx KEM 10.0025X

### Environmental

Operating temp.	-50 to 70°C See certificate for details
Storage temp.	-50 to 70°C
Enclosure	IP66/67
EMC	In accordance with EU Directive 2014/30/EU

### Mechanical

Enclosure material	
Body	Marine grade LM6 aluminium, phosphated & powder coated finish providing good resistance to high humidity and salt spray.
Horn	High impact UL94, V0 & 5VA FR ABS
Lens	Glass with external user replaceable UV stable polycarbonate coloured lens.
Lens guard & fittings.	Stainless steel
Terminals	Screw clamp for 0.5 - 2.5mm <sup>2</sup> cables
Cable entry	Two M20, one fitted with stopping plug
Weight	DC: 4.8kg AC: 5kg

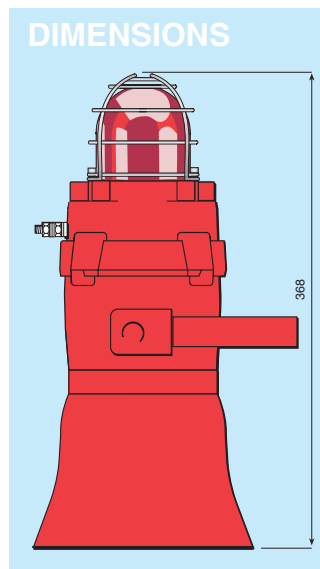
### Accessories

Pipe mounting kit	BA393 stainless steel heavy duty using 'V' bolt for 40 - 80mm outside diameter vertical or horizontal pipe.
Tag plate	Tie-on engraved stainless steel plate, supplied loose.

## HOW TO ORDER

### Please specify

Cert. & Model No.	BExCS110-05D
ATEX & IECEx	
Gas & dust certification	
Voltage	12Vdc, 24V dc, 48V dc, 115V ac or 230V ac
Lens colour	Red; amber; yellow; green; blue or clear
Accessories	
Tag plate	Legend required
Pipe mount kit	BA393



# BExCS110-05D

## Combined sounder and flashing beacon

*Flameproof for use in gas & dust hazardous areas*

- ◆ Flameproof ATEX & IECEx gas and dust certification.
- ◆ High output sounder 110dB(A) typical  
5 joule Beacon.
- ◆ IP66/67 protection
- ◆ 32 different sounds
- ◆ Second & third stage sounds.

[www.beka.co.uk/bexcs110-05d](http://www.beka.co.uk/bexcs110-05d)

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.



# BEKA

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