LGM PRODUCTS
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BEx Plated Assembly

Xenon/LED Sounder Beacon

Datasheet Version 1.2

Junction box with a choice of:

Multi function LED beacon

5/10/15/21 xenon strobe

110dB(A)/117dB(A) alarm sounder

Audio visual signalling

Hazardous area

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The BEx range of beacons can be configured to create sets of status lights suitable for onshore and offshore applications.

The assembly includes a stainless steel backplate with up to 5 different components complete with the option of Exe Junction Box to make installation easier.

Sound output	110dB(A) / 117dB(A) sounder
Light output	Multi-Function LED (Status Light mode/ Flashing modes /Rotating modes)
	Xenon Strobe (5/10/15/21J versions)
Unit material	Marine grade LM6 aluminium alloy
Light colour	Amber/Blue/Clear/Green/Red/Yellow
Unit colour	Red body
Approvals	Dependent upon component devices
	See pg.3-4

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BExBG05D - 5 Joule Xenon Beacon

ATEX/IECEx

I 2G Ex d IIC T4 Ta. -50°C to +70°C

II 2G Ex d IIC T5 Ta. -50°C to +55°C

II 2G Ex d IIC T6 Ta. -50°C to +40°C

II 2D Ex tD A21 IP67 T115°C based on max. Ta. 70°C

GOST-R

1ExdIICT4 Ta. -50° to +55°C

DIP A21 Ta T4

BExBG10D/15D - 10/15 Joule Xenon Beacon

ATEX/IECEx

II 2G Ex d IIC T4 Ta. -50°C to +70°C

II 2G Ex d IIC T5 Ta. -50°C to +40°C

II 2D Ex tD A21 IP67 T125°C based on max. Ta. 70°C

GOST-R

1ExdIICT4 Ta. -50° to +55°C

DIP A21 Ta T4

BExBG21D - 21 Joule Xenon Beacon

ATEX/IECEx

II 2G Ex d IIC T3 Ta. -50°C to +70°C

II 2G Ex d IIC T4 Ta. -50°C to +55°C

II 2D Ex tD A21 IP67 T200°C based on max. Ta. 70ºC

GOST-R

1ExdIICT4 Ta. -50° to +55°C

DIP A21 Ta T4

BExS120D 117dB(A) Alarm Sounder

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BEx Plated Assembly

Xenon/LED Sounder Beacon

Datasheet Version 1.2

BExBGL2 - L.E.D Array Beacon

ATE*X/IECEx*

II 2G Ex d IIC T6 Gb Ta. -50°C to +60°C

II 2G Ex d IIC T5 Gb Ta. -50°C to +70°C

II 2D Ex tb IIIC T60°C Db Ta. -50°C to +40°C

II 2D Ex tb IIIC T75°C Db Ta. -50°C to +55°C

II 2D Ex tb IIIC T90°C Db Ta. -50°C to +70°C

GOST-R

1ExdIICT5 Ta. -50° to +55°C

1ExdIICT4 Ta. -50° to +40°C

DIP A21 Ta T4

BExS110D - 110dB(A) Alarm Sounder

ATEX/IECEx

II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C

GOST-R

1ExdIICT4 Ta. -50° to +55°C

BExS120D - 117dB(A) Alarm Sounder

A*TEX/IECEx*

II 2G Ex d IIB T4 Ta. -50° to +70°C

II 2G Ex d IIC T4 Ta. -50° to +55°C

GOST-R

1ExdIICT4 Ta. -50° to +55°C

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