

# BEx Plated Assemblies

The BEx explosion proof Ex d family of alarm horn sounders, Xenon strobe and LED beacons can be configured to create sets of status lights suitable for onshore and offshore applications.

Mounted onto a stainless steel backplate, E2S can offer up to 5 different components complete with the option of Exe Junction Box to simplify installation. Status lights configurations can utilise the high power BExBGL2 LED beacon. Warning beacons utilising Xenon strobe technology – available in 5, 10, 15 and 21J outputs (up to 485 Cd) and providing effective warning in all conditions.

## Features

- The BEx range is manufactured from marine grade LM6 Aluminium Alloy which has been chromated and powder coated offering superb resistant to corrosion even under the most severe operating conditions. Standard sets are certified ATEX EX II 2G Exd IIB T4 but other options are available for higher gas groups, temperature ratings and approvals.
- Multi Function LED  
Status Light mode  
Flashing modes
- Xenon Strobe  
5, 10, 15 and 21J versions
- Alarm Sounders  
110dB(A) and 117dB(A) versions
- Junction Box
- GOST-R certificate: POCC GB.JB05.B03365

## Approvals

- See component signal for details.



## Specification

Please see the individual data sheet for each component signal for full specifications.

## Plated Assembly Components

Part Code:	Approval:	Classification:
BExBG05D 5 Joule Xenon Beacon	ATEX/IECEX  GOST-R	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 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4
BExBG10D/15D 10/15 Joule Xenon Beacon	ATEX/IECEX  GOST-R	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 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4
BExBG21D 21 Joule Xenon Beacon	ATEX/IECEX  GOST-R	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. 70°C 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4
BExBGL2 L.E.D Array Beacon	ATEX/IECEX  GOST-R	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 1ExdIICT5 Ta. -50° to +55°C 1ExdIICT4 Ta. -50° to +40°C DIP A21 Ta T4
BExS110D 110dB(A) Alarm Sounder	ATEX/IECEX  GOST-R	II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C 1ExdIICT4 Ta. -50° to +55°C
BExS120D 117dB(A) Alarm Sounder	ATEX/IECEX  GOST-R	II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C 1ExdIICT4 Ta. -50° to +55°C

Please contact the E2S sales department with your specific requirements.