

BEx Plated Assemblies

The BEx range of 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 make installation easier. Status lights utilise a high power LED solution which gives good light output and long life, which is important for continuous operation. Warning beacons normally use xenon strobe technology which is available in 5, 10, 15 and 21J outputs (up to 485 Cd) and which give 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
 - Rotating 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

Dependent upon component devices



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	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
	GOST-R	
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 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4
	GOST-R	
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. 70°C 1ExdIICT4 Ta. -50° to +55°C DIP A21 Ta T4
	GOST-R	
BExBGL1D L.E.D Array Beacon	ATEX/IECEx	II 2G Ex d IIC T4 Ta. -50° to +70°C II 2G Ex d IIC T5 Ta. -50° to +40°C II 2D Ex tD A21 IP67 T120 Ta. +70°C based on max. Ta. 70°C 1ExdIICT5 Ta. -50° to +55°C 1ExdIICT4 Ta. -50° to +40°C DIP A21 Ta T4
	GOST-R	
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 1ExdIICT4 Ta. -50° to +55°C
	GOST-R	
BExS120D 117dB(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 1ExdIICT4 Ta. -50° to +55°C
	GOST-R	

Please contact the E2S sales department with your specific requirements.