

BExBG05D & E ATEX EEx 5 Joule Hazardous Area Xenon Warning Beacons







- 5 Joule Xenon : 1Hz (60 FPM) (5 Ws).
- Suitable for Zone 1, 2, 21 & 22 Gas Groups IIC IIB & IIA
- Voltages : 12vdc; 24vdc; 48vdc; 115vac; 230vac
- Six lens colours available : Amber, Blue, Clear, Green, Red & Yellow
- Automatic synchronisation on multi-beacon systems
- Beacons can be set to 'flip-flop' alternating mode with other units on multi-beacon systems
- Tube life : emissions reduced to 70% after 8 million flashes
- Xenon tubes mechanically secured against shock/vibration
- BExBG05D : IP67 BExBG05E : IP66
- Enclosure material : Marine grade, Copper free, LM6 Aluminium
- Phosphated & powder coated finish - good resistance to humidity and salt spray environments.
- Glass lens & Stainless Steel guard.
- Colour available : Red (RAL3000)
- Storage temperature : -50 to +70°C
- Large range of certified end of line resistors.
- Weight : DC:2.45kg AC: 2.75kg



BExBG05D & BExBG05E
Flameproof & Dust ignition proof beacons

Approval options [specify when ordering]:

ATEX versions:

1. BExBG05D :  EEx d IIC T5 Ta. -50 to +55°C T100°C
 EEx d IIC T6 Ta. -50 to +40°C T85°C
 2. BExBG05D :  EEx d IIC T4 Ta. -50 to +70°C T115°C
 3. BExBG05E :  EEx de IIC T5 Ta. -50 to +55°C T100°C
 EEx de IIC T6 Ta. -50 to +40°C T85°C
 4. BExBG05E :  EEx de IIC T4 Ta. -50 to +70°C T115°C
- KEMA Certificate number : 00ATEX2006 X

IECEX versions:

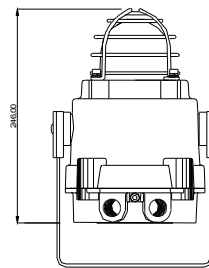
1. BExBG05D : Ex d IIC T5 Ta 55°C IP67
DIP A21 T_A T5 IP67 (Ta. -40°C to +55°C)
- IECEX Certificate number : IECEX SIM 04.0002

GOST-R versions:

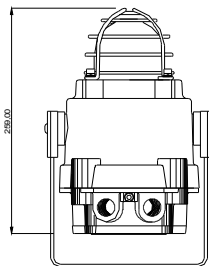
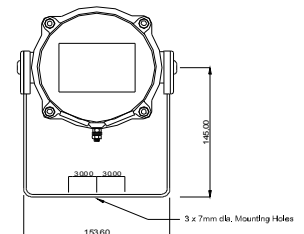
1. BExBG05D : 1ExdIICT4 Ta. -50 to +55°C T100°C
DIP A21 T_A T4
 2. BExBG05E : 2ExdeIICT4 Ta. -50 to +55°C T100°C
DIP A21 T_A T4
- GOST-R Certificate number : POCC GB.JB05.B02205

Installation Features.

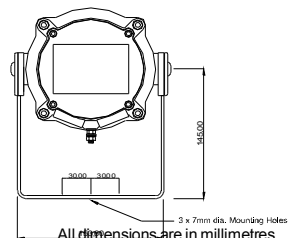
- Very large termination area.
- Dual M20 ISO cable gland entries (supplied with one stopping plug).
- Ratchet adjustable stainless steel 'U' bracket for positive adjustment under harsh conditions.
- IN & OUT terminals
- Terminals accept 0.5 to 4.0mm² cables.
- Line monitoring : Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor, or diode within EExd enclosure (dc versions)



BExBG05D unit :



BExBG05E unit :

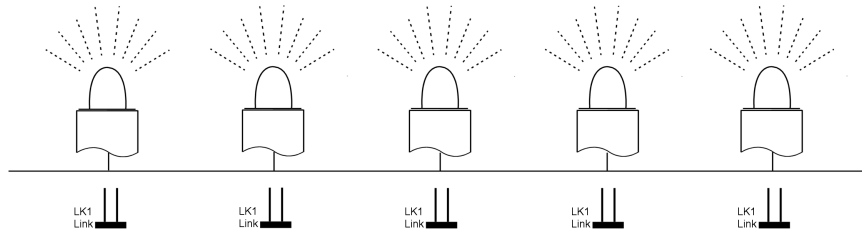


Input voltages and current consumption:

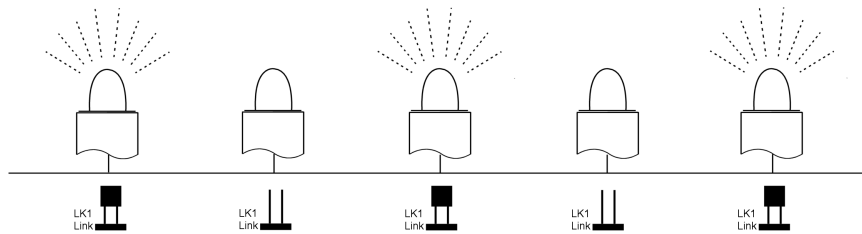
Voltage :	12vdc	24vdc	48vdc	115vac 50/60Hz	230vac 50/60Hz
Voltage range :	10-14v	20-28v	42-54v	+/-10%	+/-10%
Current mA :	750mA	270mA	180mA	140mA	55mA



Synchronised mode.



Flip-Flop (alternating) mode.



BExBG05D unit



BExBG05E unit :



Multiple-unit configurations are available on stainless mounting plates. Combine 2, 3 or 4 devices - alarm sounders, loudspeakers, beacons. If required, units can be pre-wired to minimise installation time.



Ordering code :

BExBG05	D	24DC	-	AM
Product	Housing	Voltage		Lens
BExBG05	D EEx d IIC E EEx de IIC	12DC 24DC 48DC 115AC 230AC		AM Amber BL Blue CL Clear GN Green RD Red YW Yellow

Note: Please ensure that ATEX, GOST-R or IECEx approval is stated when ordering. For ATEX approved versions please specify operating temperature range required.

TSP2407-C