

# E2xB05 Xenon Strobe Beacon

The hazardous area E2xB05 Xenon strobe beacon is ATEX certified for Zone 2 applications and also UL approved for Class I Div 2 applications.

The E2xB05 is a 5 Joule Xenon strobe beacon with a 1Hz (60 fpm) flash rate.

The E2x range features enclosures manufactured from lightweight, high performance PPS which, with its corrosion proof properties, is suitable for the harshest of environments.

#### Part codes:

Part Code:	Classification:	
ATEX version:		
E2xB05EG**	II 3G EEx nA nL IIC T2 (Tamb -20°C to +55°C)	
	II 3G EEx nA nL IIC T3 (Tamb -20°C to +40°C)	
UL version:		
E2xB05UL**	Class I, Div 2, Grps A,B,C,D T2D (215°C) at +55°C	
	Class I, Div 2, Grps A,B,C,D T3 (200°C) at +40°C	
	Class II, Div 2, Grps F & G T5 (100°C) at +55°C	
	Class II, Div 2, Grps F & G T6 (85°C) at +40°C	
	Class III, Div 1, T5 (100°C) at +55°C	
	Class III, Div 1, T6 (85°C) at +40°C	

<sup>\*\* =</sup> Voltage & lens colour reference:

Voltage options: 120	DC, 24DC, 48DC, 115AC, 230AC
Lens colour options:	-AM (Amber)
	-BL (Blue)
	-CL (Clear)
	-GN (Green)
	-RD (Red)
	-YW (Yellow)
FOUDOFFOLLEN	O AM

e.g: E2xB05EG115AC-AM

Replacement Xenon flash tube: FTASSYE2X

#### Features:

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- Stainless Steel dome guard as standard
- Xenon tube mechanically secured against vibration/shock.
- User replaceable Xenon tube assembly.

### **Approvals:**

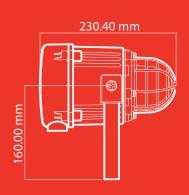
- ATEX certificate: DEMKO 06 ATEX 0421554, EN 50021: 1999
- UL File ref: E245313













## **Specification:**

Energy:	5 Joules (5Ws)		
Flash rate:	1Hz (60 fpm)		
Peak Candela:	31,950 cd		
Effective Intensity cd:	101 cd*		
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow		
Voltages DC:	12vdc; 24vdc; 48vdc		
Voltages AC:	115vac; 230vac		
Ingress protection:	ATEX: IP66 & IP67 UL: Type 4, 4X & 13		
Housing material:	UL94V0 PPS & ABS		
ATEX cable entries:	$2\mathrm{x}$ M20 ISO cable gland entries - with $1$ blanking plug.		
UL cable entries:	$1\times1/2$ "NPT cable gland entry - with 0.5m flying leads.		
Terminals (ATEX):	0.5 to 4.0mm <sup>2</sup> - In & Out		
Weight:	1.48kg		

## **Current consumption:**

Version:		Voltage range:	Current:
12V dc		10-14V dc	520mA
24V dc		20-28V dc	275mA
48V dc		42-58V dc	145mA
115V ac	50/60Hz	+/-10%	80mA
230V ac	50/60Hz	+/-10%	30mA

## **Effective Candela lens colour factor:**

Amber	Blue	Clear	Green	Red	Yellow
0.51	0.12	1.00	0.49	0.15	0.86

