



BExBG21D-P 115 VAC / 230 VAC

EX FLASHING WARNING BEACON

FOR USE IN EX ZONES 1, 2, 21, AND 22

The explosion-proof flashing warning beacon is used to visually indicate alarm signals as well as incoming calls in explosive environments. It is connected to and controlled via the INDUSTRONIC system.

The robust beacon can be installed both indoors and outdoors. Simply change the color at a later date by replacing the color filter of the beacon in the field.



- Suited for Ex zones 1, 2, 21, and 22
- Degree of protection IP66 and IP67
- Corrosion-proof, marine grade aluminum
- UV-stable polycarbonate color lens filters replaceable in the field
- Xenon lamp mechanically secured against shock and vibration
- Stainless steel dome guard
- 3 distinct user selectable flash patterns
- Universal application possibilities

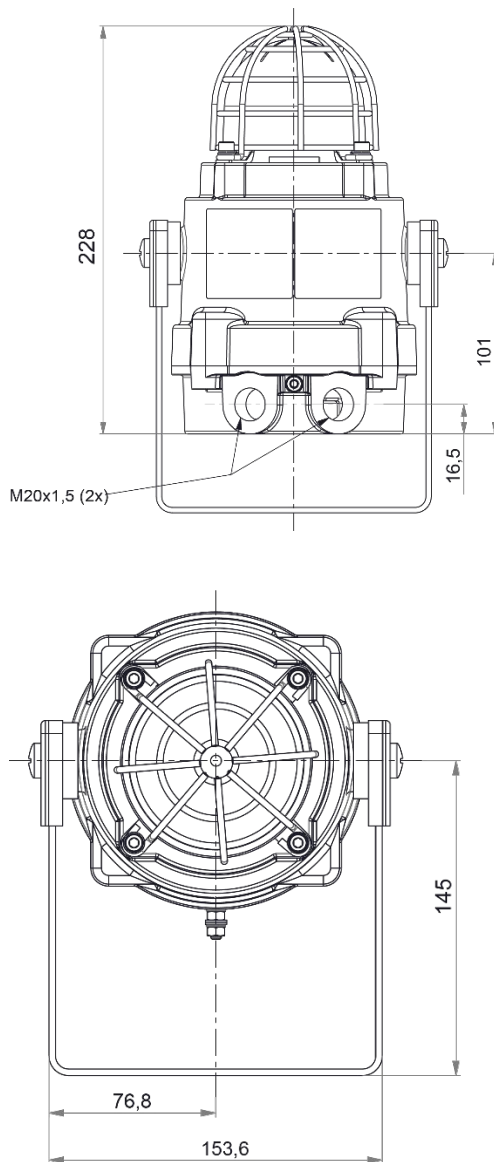
MECHANICAL DATA

Housing material	Aluminum (phosphated and powder-coated)
Lens material	Tempered glass
Ceiling and wall-mounting bracket	Stainless steel
Width x height of beacon	161 mm x 228 mm (6.34" x 8.98")
Width x length of wall-mounting bracket	154 mm x 145 mm (6.06" x 5.71")
Cable gland	2 entries M20 x 1.5
Connection	Screw terminals (In and Out)
Clamping range	0.5 mm ² to 2.5 mm ²
Weight	Approx. 3 kg (approx. 6.61 lbs)
Lens colors	Amber, blue, yellow, red (other colors upon request)

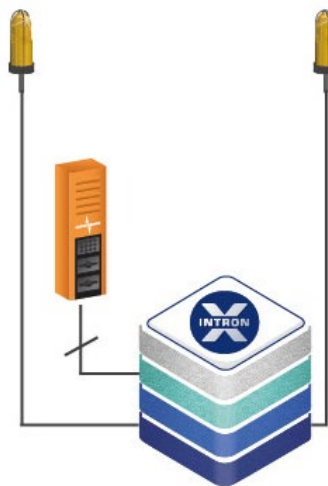
ELECTRICAL DATA

Version	Voltage range	Current consumption
115 VAC (50/60 Hz)	+/-10 %	560 mA
230 VAC (50/60 Hz)	+/-10 %	280 mA

DIMENSIONS



APPLICATION



FLASH DATA

Flash energy	21 J
Flash rate	1 Hz, 2 Hz and double strike 1 Hz (adjustable)
Peak intensity	118537 cd
Effective intensity	520 cd

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-50 °C to +70 °C (-58 °F to +158 °F)
Protection class	Class I
Degree of protection	IP66 and IP67
Gas explosion protection zones 1 and 2	II 2G Ex db IIC T3 Ta < 70 °C (+158 °F)
Dust explosion protection zones 21 and 22	II 2D Ex tb IIIC T165 °C Db Ta < 55 °C (+131 °F) II 2D Ex tb IIIC T180 °C Db Ta < 70 °C (+158 °F)
Certificate	KEMA 00 ATEX 2006 X, IECEX KEM 10.0002 X

TYPE OVERVIEW

Voltage	Color	Type	Type number
115 V AC	Amber	BExBG21D-P 115 VAC/AM	070-000-087/AM
	Blue	BExBG21D-P 115 VAC/BU	070-000-087/BU
	Red	BExBG21D-P 115 VAC/RD	070-000-087/RD
	Yellow	BExBG21D-P 115 VAC/YE	070-000-087/YE
230 V AC	Amber	BExBG21D-P 230 VAC/AM	070-000-088/AM
	Blue	BExBG21D-P 230 VAC/BU	070-000-088/BU
	Red	BExBG21D-P 230 VAC/RD	070-000-088/RD
	Yellow	BExBG21D-P 230 VAC/YE	070-000-088/YE

Call Signaling at Intercom Stations

Call signaling is activated as soon as the intercom station receives a call. Call signaling stops as soon as the incoming call has been answered at the intercom station or a pre-programmed time has elapsed.

Alarm Signaling

In order to indicate alarms, the beacon can directly be connected to and controlled by the system. In case of an alarm, the beacon is activated for the duration of the alarm.

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