



GNExB2LD2 230 VAC

EX LED MULTI-FUNCTIONAL BEACON

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

The multi-functional beacon is used to visually indicate alarm signals and incoming calls. It can be directly connected to the system and is controlled from there.

The 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.



- Robust, corrosion-proof GRP housing
- Degree of protection IP66/67
- UV stable Polycarbonate color lens filters replaceable in the field
- LED light mechanically secured against shock and vibration
- Stainless steel dome guard
- Choice of five flash rates: 1 Hz, 1.5 Hz, 2 Hz, double and triple flash
- High and low power steady mode

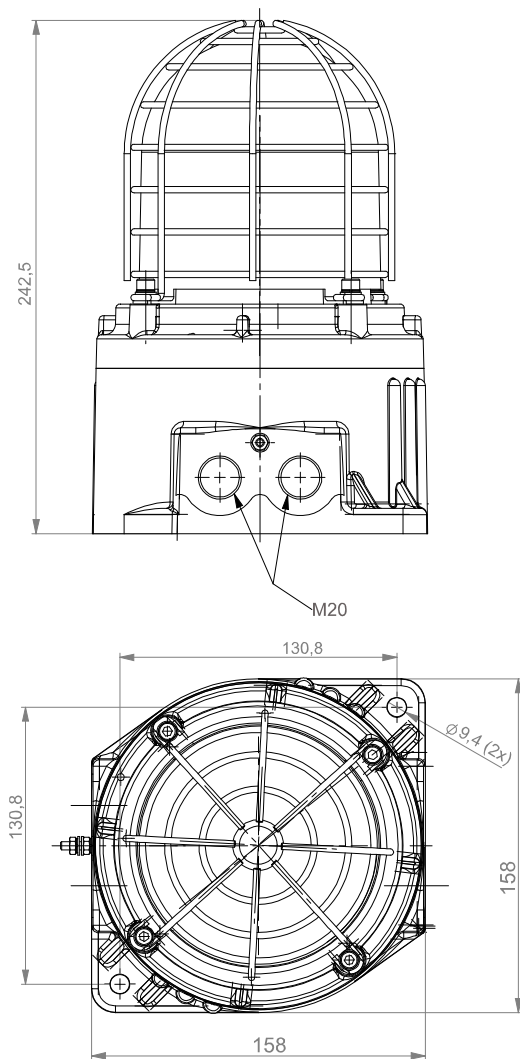
MECHANICAL DATA

Housing material	Corrosion-proof glass-fiber reinforced polyester (GRP)
Lens material	UV stable polycarbonate
Width x height of beacon	158 mm x 242.5 mm (6.22" x 9.55")
Cable gland	3 entries M20 x 1.5
Connection	Screw terminals for in and out
Clamping range	0.5 mm ² to 2.5 mm ² (20 AWG to 13 AWG)
Earth stud	M4
Weight	Approx. 3.5 kg (approx. 7.72 lbs)
Color	Amber, green, yellow, red (other colors upon request)

ELECTRICAL DATA

Rated voltage	230 V AC
Voltage range	220 V AC to 240 V AC
Current consumption	100 mA

DIMENSIONS



OPTICAL DATA

Flash rate	1 Hz, 1.5 Hz, 2 Hz, double and triple flash
Steady mode	High and low power configurable
Mode setting	DIP switch
Effective intensity	338 cd at 1 Hz flash
LED life	60,000 hours

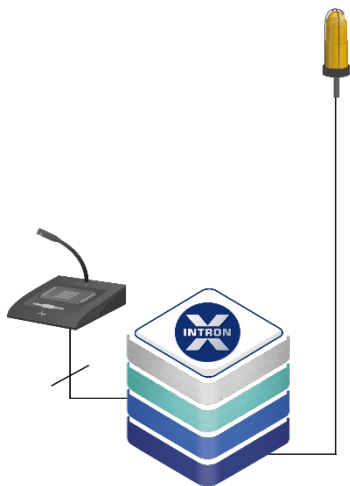
ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-50 °C to +65 °C (-58 °F to +149 °F)
Degree of protection	IP66/67
Gas explosion protection zones 1 and 2	II 2G Ex db IIC T6 Gb Ta < 65 °C (+ 149 °F) II 2G Ex db IIC T5 Gb Ta < 70 °C (+158 °F)
Dust explosion protection zones 21 and 22	II 2D Ex tb IIIC T85°C Db Ta < 70 °C (+158 °F)
Certificate	ATEX DEMKO 15ATEX1448X IECEX UL 15.0003X PESO A/P/HQ/MH/104/6335 (P452946) TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21

TYPE OVERVIEW

Color	Type	Type Number
Amber	GNExB2LD2 230 VAC/AM	070-000-105/AM
Green	GNExB2LD2 230 VAC/GN	070-000-105/GN
Red	GNExB2LD2 230 VAC/RD	070-000-105/RD
Yellow	GNExB2LD2 230 VAC/YE	070-000-105/YE

APPLICATION



In case of an alarm, the beacon is activated for the duration of the alarm.

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