



GNExB2X21 48 VDC

EX FLASHING WARNING BEACON

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

The flashing warning beacon is used to visually indicate alarm signals and incoming calls. It is connected to and controlled by the system.

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 (glass-fiber reinforced polyester) enclosure
- Degree of protection IP66
- 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

MECHANICAL DATA

Housing material	Corrosion proof GRP (glass-fiber reinforced polyester)
Hood 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 (20-14 AWG)
Weight	Approx. 3.5 kg (approx. 7.72 lbs)
Color	Amber, Green, Yellow, Red (other colors upon request)

ELECTRICAL DATA

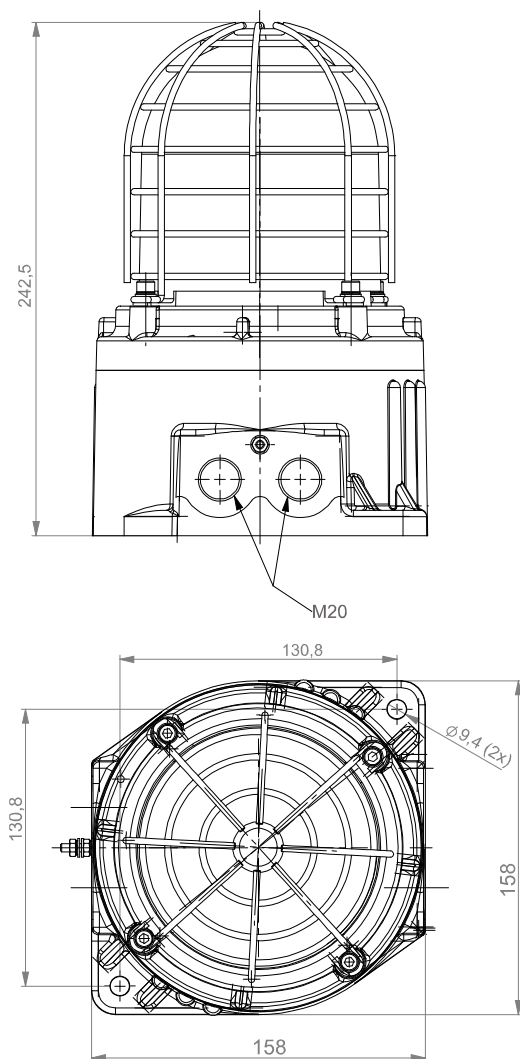
Rated Voltage	48 V DC
Voltage Range	42 V DC to 54 V DC
Current Consumption	428 mA



INDUSTRONIC.COM

Subject to technical modifications - Doc. no. DAT-070-000-100 • V02 • EN • 25.04.2022

DIMENSIONS



FLASH DATA

Flash energy	21 J
Flash rate	1 Hz, double flash and alternate flash
Peak intensity	181,000 cd
Effective intensity	900 cd
Tube life	Emissions are reduced to 70 % after 5 million flashes

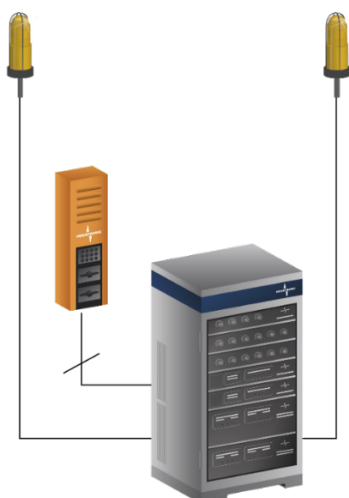
ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-50 °C to +70 °C (-58 °F to +158 °F)
Degree of protection	IP66
Gas explosion protection zones 1 and 2	II 2G Ex db IIC T4 Ta < 70 °C (+158 °F)
Dust explosion protection zones 21 and 22	II 2D Ex tb IIIC T130 °C Db Ta < 70 °C (+131 °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.AA71.B.00109

TYPE OVERVIEW

Color	Type	Type Number
Amber	GNExB2X21 48 VDC/AM	070-000-100/AM
Green	GNExB2X21 48 VDC/GN	070-000-100/GN
Red	GNExB2X21 48 VDC/RD	070-000-100/RD
Yellow	GNExB2X21 48 VDC/YE	070-000-100/YE

APPLICATION



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

© INDUSTRIKONIC