

ATEX SIGNAL LAMPS

HAZARDOUS AREAS



Emergency signal lamps with optional buzzer, designed for reliability and robust performance. Engineered for fire and evacuation signalling, suitable for installation in potentially explosive atmospheres.

FEATURES

- Suitable for industrial applications in potentially explosive atmospheres, Zone 1 and 2, Zone 21 and 22.
- Designed to ensure long service life and reduced maintenance, with a lifetime of up to 50,000 hours and high resistance to vibration and shock thanks to solid-state LED technology (no filaments).
- Featuring a strobe frequency of 60 flashes per minute.
- High electromagnetic compatibility (EMC), without interference to the power supply network.
- IP protection degree: the signal lamps are classified IP66.
- Resistant to extreme temperatures: from -40°C (down to -60°C on request) up to +40°C (T6) / +55°C (T5).
- Aluminium alloy housing with transparent tempered glass dome.
- All materials and components used are wear resistant and guarantee protection of the unit against water and dust.

OPTIONS

- High level of customization with various solutions available for different application requirements.
- Light colour available in red, green and yellow; other colours available on request.
- Standard colour temperature 5000K.
- Available in flat version or with mounting bracket.

CERTIFICATIONS

- CE marking.
- ATEX certification EN 60079-0.
- Conformity to Standards IECEx IEC 60079-0.

CERTIFICATIONS

Conformity to Community Directives	2006/42/CE Machinery Directive
	2014/34/UE Atex Directive
Conformity to CE Standards	EN 60079-0 Electrical apparatus for explosive gas atmospheres – Part 0: General requirements
	EN 60529 Degrees of protection provided by enclosures
Type of protection IECEx	Ex db IIC T6/T5 Gb (without buzzer)
	Ex db ib IIC T6/T5 Gb (with buzzer)
	Ex tb IIIC T80°C/T95°C Db
Type of protection ATEX	II 2G Ex db IIC T6/T5 Gb (without buzzer)
	Ex db ib IIC T6/T5 Gb (with buzzer)
	II 2D Ex tb IIIC T80°C/T95°C Db
Potentially explosive atmospheres	Zone 1 and Zone 2
	Zone 21 and Zone 22
Markings and homologations	CE  IEC IECEx

GENERAL TECHNICAL SPECIFICATIONS

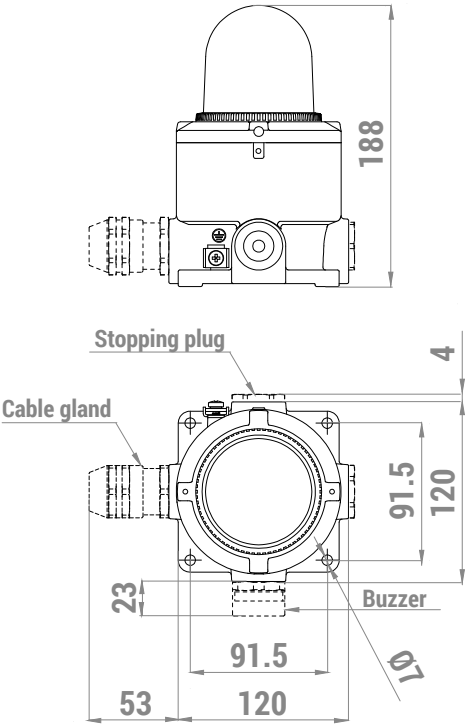
Operational ambient temperature	Form -60°C/-40°C to +40°C /55°C
IP protection degree	IP 66
Lamps	LED
Housing	Aluminum alloy with transparent tempered glass dome
Light colours	Red, green and yellow (other colours available on request)
Color temperature	Standard 5000K
Stroboscopic frequency	60 times /min
Volume	With one buzzer >95 dB (at 1m)
	With two buzzers >125 dB (at 1m)
Mounting types	Flat version
	Mounting bracket
Terminal	Terminal 2.5 mm ² , PE terminal: 2x10 mm ²
Cable entry	No. 4 cable glands M25 x 1.5
	No. 2 cable glands M25 x 1.5

ELECTRICAL SPECIFICATIONS

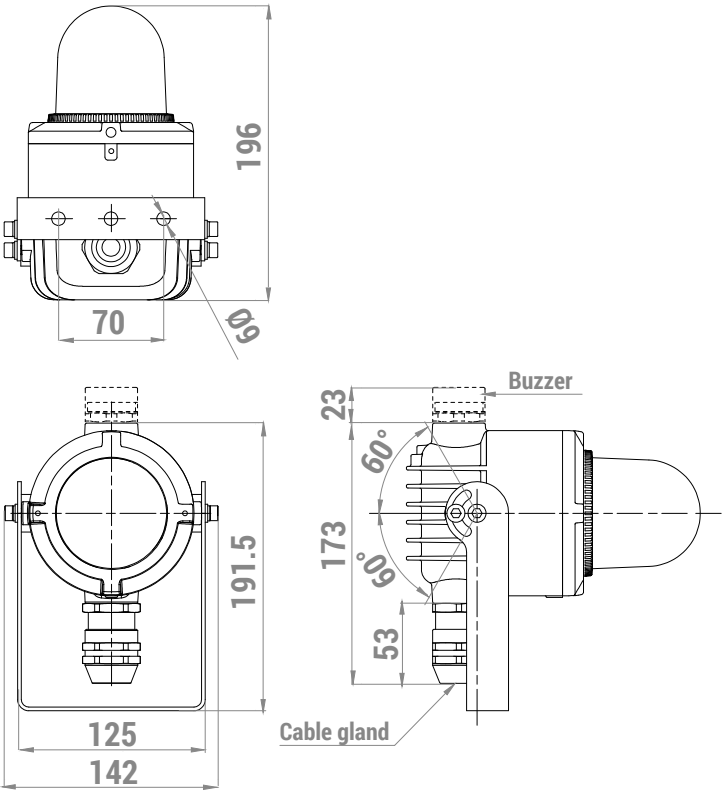
Rated Voltage	20-40 V DC / 14-28 V AC
	127-250 V DC / 100-250 V AC
Frequency	50 / 60 Hz
Power / Luminous flux	5 W / 50 lm
Power factor	> 0.98

OVERALL DIMENSIONS (mm)

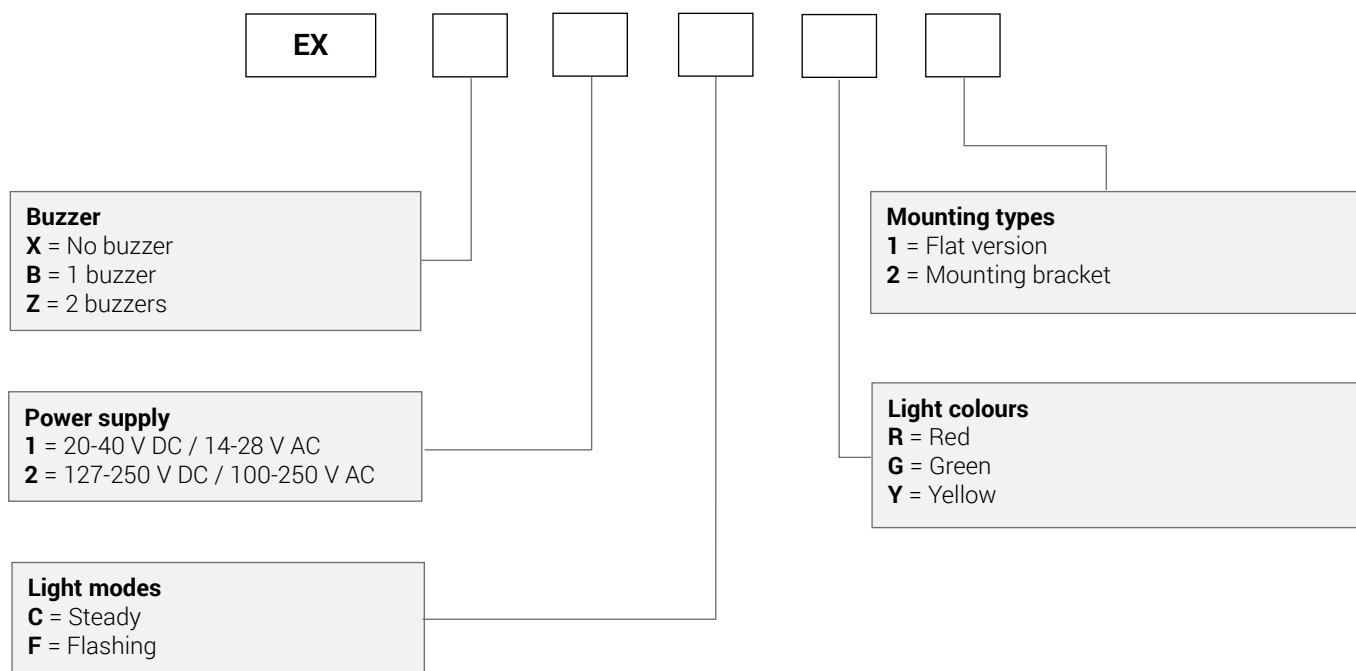
Flat version



Version with mounting bracket



ATEX SIGNAL LAMPS - STANDARD CODES



Instructions

Fill in the boxes with the numbers/letters corresponding to the specifications required, thus obtaining the stack light code, as shown in the example below.

EX	B	1	F	R	1
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