

2340210022

TNFCD2G212

Ex proof beacon, Ex de 24-48VDC GREEN, 1 x M25 gland



 IP66  Atex

Description

These 24-48VDC flashing lights are ideal for Petrochemical and Marine applications, and for all kind of industry where an explosive atmosphere may be present and the need for warning is required.

This flashing beacon is an efficient solution for use in Ex-zones offshore as well as onshore, and has been supplied to installations in the demanding environments of the North Sea for more than 25 years. TNFCD flashing lights are available as Ex de, Ex d or non-Ex. Beacon operates when power is applied. TNFCD can optionally use external triggering, and can be supplied with a siren card for acoustic warning.

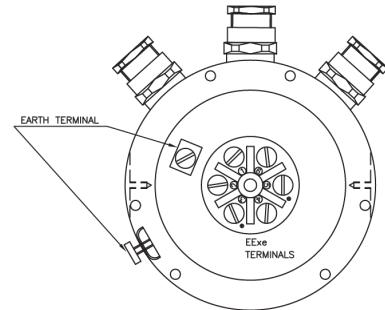
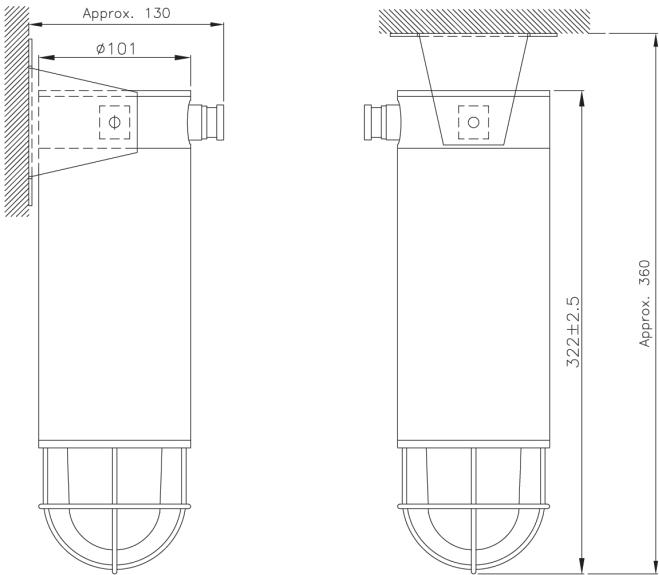
- ✓ Enclosure material in stainless steel 316L
- ✓ Long lifetime of flashing tube: 8 x 106 flashes
- ✓ High mechanical strength and corrosion resistance - suitable for harsh environments
- ✓ Universal mounting bracket in SS316L enables easy installation, standing or hanging
- ✓ Several triggering possibilities
- ✓ High ingress protection class, IP66 - Relative humidity up to 100%
- ✓ Temperature range -40°C to +60°C
- ✓ High operational reliability and low lifecycle cost

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ATEX Zone 1, gas group IIC, temperature class T4

GOST approved

Technical Dimensions



Terminals

- 1 and 2: Supply input.
[1 = Live or +, 2 = Neutral or -]
- 3 and 4: External triggering input.
[3 = +, 4 = -] (telephone and failsafe are options)
- 5 and 6: Spare.
Siren speaker output (option)
Supply linking (option)

Specifications

GENERAL

| | |
|------------------------|--|
| Material | Stainless steel 316L |
| Surface treatment | Shot blasted / Machined |
| Weight | 5.1 kg |
| Flash energy | 10 joule |
| Flash frequency | 1 Hz |
| Protection class | IP66 |
| Rated Voltage | 24-48 VDC |
| Voltage Range | +/- 10% |
| Rated current | 330-670 mA |
| Power consumption | 16 VA |
| Typical inrush current | >1A less than 1ms |
| Triggering | Direct (power), telephone, 24-48VDC, Fail safe |
| Fuse | 1-2 A slow fuse recommended |

| ITEM NUMBER | DESCRIPTION |
|-------------|--|
| 2340210022 | TNFCD2G212, Ex proof beacon, Ex de 24-48VDC GREEN, 1 x M25 gland |
| 2340210011 | TNFCD2R212, Ex proof beacon, Ex de 24-48VDC RED, 1 x M25 gland |
| 2340210010 | TNFCD2Y212, Ex proof beacon, Ex de 24-48VDC YELLOW, 1 x M25 gland |
| 2340210038 | TNFCD2Y211, Ex proof beacon, Ex de, 24-48VDC, Yellow, SST, 1xM20, dir.tr |
| 1016355 | TNFCD2B212, Ex proof beacon, Ex de 24-48VDC BLUE, 1 x M25 gland |

ACCESSORIES

2340210020

Preservation and
protective hood for
TNFCD beacons

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