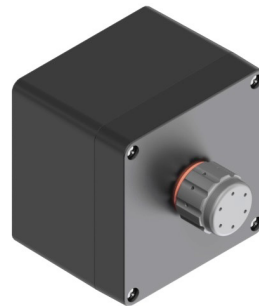


# BUZZER Ex

GBZ



*Example of Mounting  
in Increased Safety  
Enclosure*



*Example of Mounting  
in Flameproof  
Enclosure*



sermat **GRÜN**  
**ex**

REV.01 / 29.07.2021

# BUZZER Ex

## Technical Information

### TECHNICAL SPECIFICATIONS

#### TYPE OF PROTECTION

Ex "d" - flameproof  
 Ex "t" - dust ignition protection  
 Ex "e" - increased safety  
 Ex "m" - encapsulated

#### MARKING

Ex db eb mb IIC Gb  
 Ex tb IIIC Db

#### APPLICATION AREA

Zone 1  
 Zone 2  
 Zone 21  
 Zone 22

#### INGRESS PROTECTION

IP66W  
 (W: salt spray)

#### APPLICATION TEMPERATURE

-50°C to 60°C (-58°F to 140°F)

#### THREAD

M22 x 1,5  
 3/4" NPSM

#### THREAD LENGTH

57mm (Extra Long)

#### INSTALLATION

##### for M22x1,5 thread

**Ex "d" enclosure:**  
 min. wall thickness: 8 mm engaged thread.  
**Ex "e" enclosure:**  
 min. wall thickness: 3 mm engaged thread.  
**Ex "t" enclosure:**  
 min. wall thickness: 3 mm engaged thread.  
**Ex "p" Panels**

##### for 3/4"NPSM thread

**Ex "d" enclosures:**  
 min. 5 fully engaged threads.  
**Ex "e" enclosures:**  
 min. wall thickness: 3,7 mm engaged thread.  
**Ex "t" enclosures:**  
 min. wall thickness: 3,7 mm engaged thread.  
**Ex "p" Panels**

#### CERTIFICATE OF CONFORMITY

#### Segurança



INMETRO

CEPEL 97.0007U

# BUZZER Ex

## Technical Information

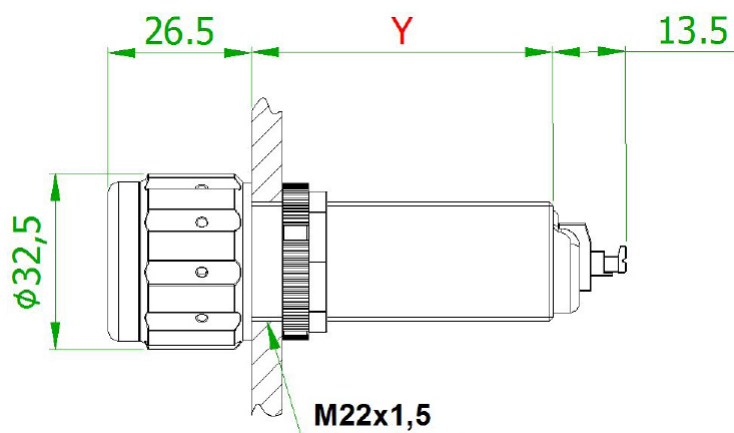
### ELECTRICAL INFORMATION

BUZZER EX ELECTRICAL DATA	
RATED VOLTAGE	12 Vac/dc
	24 Vac/dc
	127 Vac
	240 Vac
MAXIMUM CURRENT	0,030 A
SOUND INTENSITY	85 dB (40 cm)

### DIMENSIONS

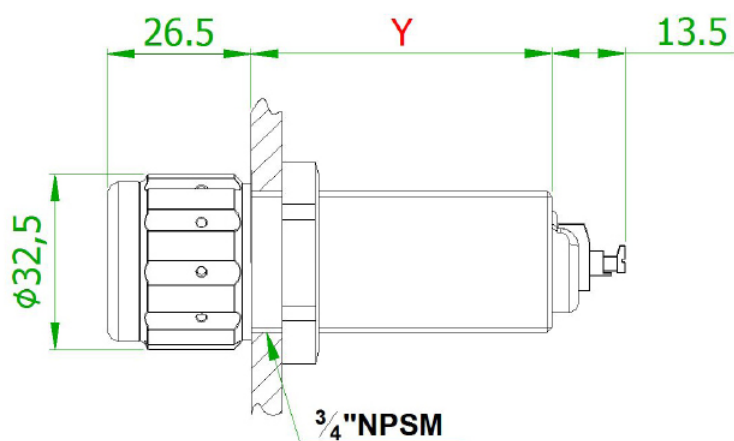
Y	
mm	inch
57mm	≈ 2.1/4"

M22 X 1,5



Dimensions in mm.

3/4"NPSM



Dimensions in mm.

# BUZZER Ex

## Ordering Code

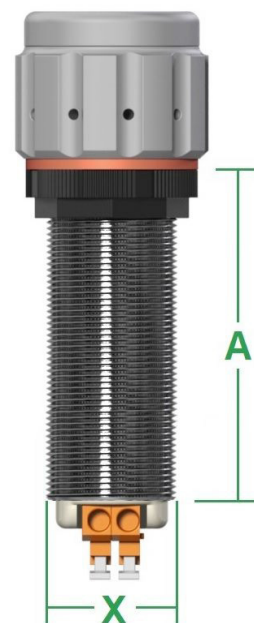
### ORDERING CODE

SGEX**X**GBZ **A** + **B**

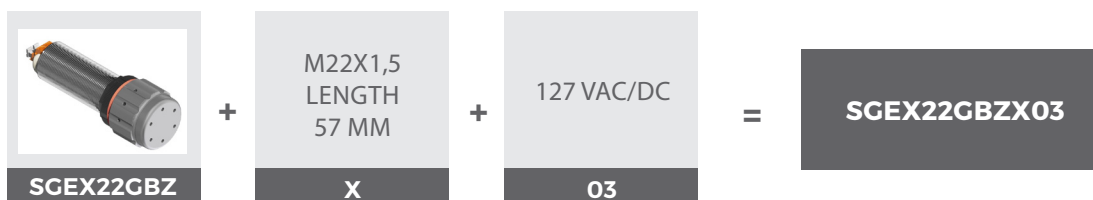
X		
THREAD SIZE		
size	M22x1,5	3/4"NPSM
code	22	26

A	
THREAD LENGTH	
length	57 mm
code	X

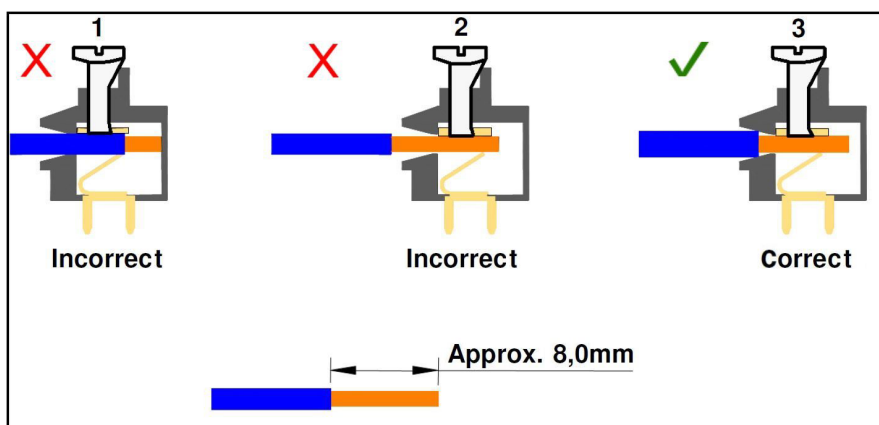
B				
VOLTAGE				
voltage	12 Vac/dc	24 Vac/dc	127 Vac	240 Vac
code	01	02	03	04



### CODIFICATION EXAMPLE



### INSTRUCTION FOR CONNECTING THE CABLES



1- The cable stripping was not sufficient, causing the insulating part of the cable to come into contact with the conducting part of the terminal.

2- The cable stripping was exaggerated, causing the conductive part of the cable to be exposed.

3- Perfect connection, the conducting part of the cable is in contact with the conducting part of the terminal and only the insulating part is exposed externally.