

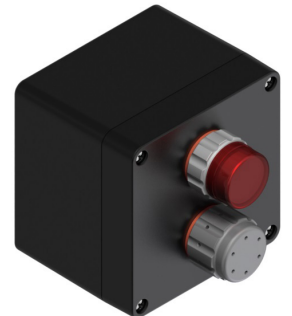
PILOT LIGHT

for Ex Enclosures (including Ex "e")

GLP



*Example of Mounting
in Increased Safety
Enclosure*



*Example of Mounting
in Increased Safety
Enclosure
with Buzzer Ex*





sermatGRÜN
ex

REV.02 / 06.03.2025

PILOT LIGHT Ex e

Technical Information

TECHNICAL SPECIFICATIONS

TYPE OF PROTECTION	<p>Ex "d" – flameproof Ex "t" – dust ignition protection Ex "e" - increased safety Ex "m" - encapsulated</p>
MARKING	<p>Ex db eb mb IIC Gb Ex tb IIIC Db</p>
APPLICATION AREA	<p>Zone 1 Zone 2 Zone 21 Zone 22</p>
INGRESS PROTECTION	<p>IP66W (W: salt spray)</p>
APPLICATION TEMPERATURE	<p>-50°C to 60°C (-58°F to 140°F)</p>
THREAD	<p>M22 x 1,5 3/4" NPSM</p>
THREAD LENGTH	<p>47mm (Long) 57mm (Extra Long)</p>
INSTALLATION	<p>para rosca M22x1,5</p> <p>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</p> <p>para rosca 3/4"NPSM</p> <p>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</p>
CERTIFICATE OF CONFORMITY	<p style="text-align: center;">Segurança</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  OCP 0034 </div> <div style="text-align: center;">  INMETRO </div> </div> <p style="text-align: center;">INMETRO</p> <p style="text-align: center;">NCC 24.0128 U</p>

PILOT LIGHT Ex e

Technical Information

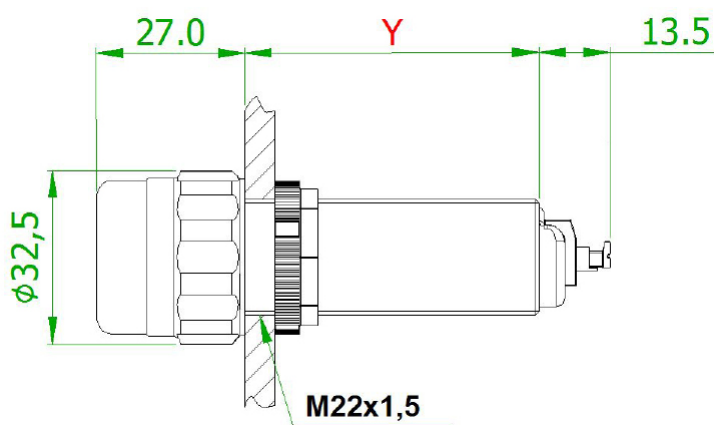
ELECTRICAL INFORMATION

PILOT LIGHT EX E ELECTRICAL DATA	
RATED VOLTAGE	12 VAC/DC 24 VAC/DC 120 VAC/DC 240 VAC
MAXIMUM CURRENT	0,010 A
WORKING STATUS	Continuous Flasher

DIMENSIONS

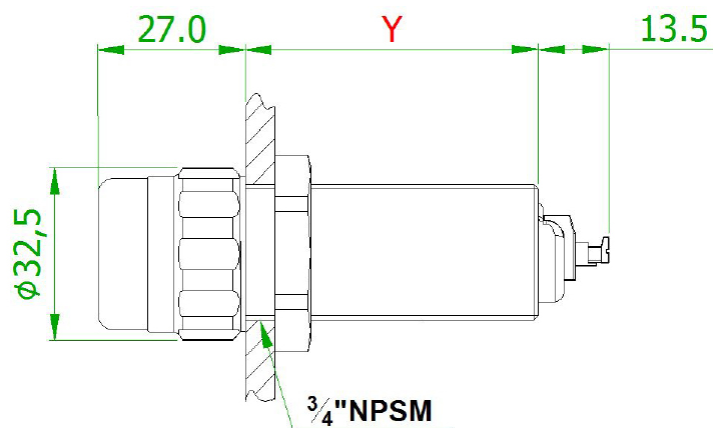
Y	
mm	inch
47mm	≈ 1.7/8"
57mm	≈ 2.1/4"

M22 X 1,5



Dimensions in mm.

3/4"NPSM



Dimensions in mm.

PILOT LIGHT Ex e






Ordering Code

ORDERING CODE

SGEXXGLP A + B + C + D

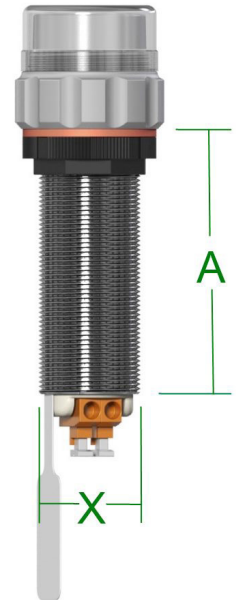
X THREAD SIZE		
tamanho	M22x1,5	3/4"NPSM
código	22	26

A THREAD LENGTH		
compr.	47 mm	57 mm
código	L	X

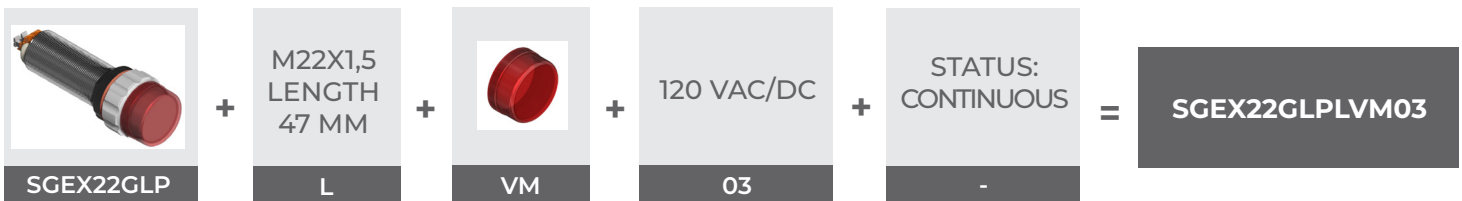
B COLOR					
					
color	Blue	Yellow	Red	Green	White
code	AZ	AM	VM	VD	BR

C VOLTAGE				
Voltage	12 Vac/dc	24 Vac/dc	120 Vac/dc	240 Vac
code	01	02	03	04

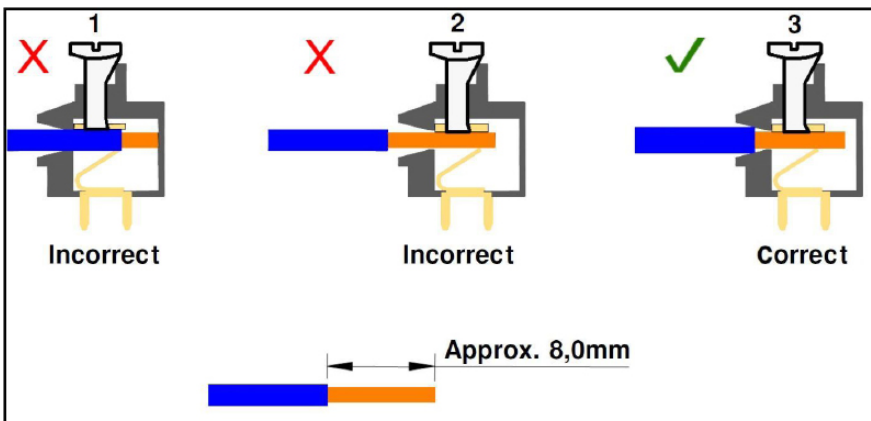
D WORKING STATUS		
status	Continuous	Flasher
code	-	PP



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.