

PILOT LIGHT

GPL



sermat **GRÜN**
ex





TECHNICAL SPECIFICATION

TYPE OF PROTECTION	Ex "d" - Flameproof Ex "tb" - Dust ignition protection	Explosion proof Dust ignition proof	Ex "d" - Flameproof Ex "tb" - Dust ignition protection
MARKING	Ex d IIC Gb Ex tb IIIC Db	Class I, Groups B, C, D Class II, Groups E, F, G Class III	II 2 G Ex db IIC Gb II 2 D Ex tb IIIC Db
AREA OF APPLICATION	Zone 1 Zone 2 Zone 21 Zone 22	Class I, Div 1 & 2, Groups B, C, D. Class II, Div 1 & 2, Groups E, F, G. Class III	Zone 1 Zone 2 Zone 21 Zone 22
INGRESS PROTECTION	IP66W (W: salt spray)	Type 4X	IP66W (W: salt spray)
TEMPERATURE RANGE	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)
THREAD SIZE	M22 x 1,5 3/4" NPSM	M22 x 1,5 3/4" NPSM	M22 x 1,5
THREAD LENGTH	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)
INSTALLATION	for M22x1,5 THREAD in Ex "d" enclosures: (min. wall thickness: 8 mm engaged thread) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread) for 3/4" NPSM THREAD in Ex "d" enclosures: (min. 5 fully engaged threads) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread)	for M22x1,5 THREAD in Ex "d" enclosures: (min. 7 fully engaged threads) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread) for 3/4" NPSM THREAD in Ex "d" enclosures: (min. 7 fully engaged threads) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread)	for M22x1,5 THREAD in Ex "d" enclosures: (min. wall thickness: 8 mm engaged thread) in Ex "tb" enclosures: (min. wall thickness: 3 mm engaged thread)
CERTIFICATE OF COMPLIANCE	 CEPEL 97.0007U	 CSA 2719982 UL: E489210	 Sira 16ATEX1176U IECEx CSA 16.0032U



ELECTRICAL INFORMATION

LED INFORMATION

UTILITY LIFE	100000 Hours
RATED CURRENT	8mA
MAXIMUM POWER	0,8W

PILOT LIGHT HOUSING

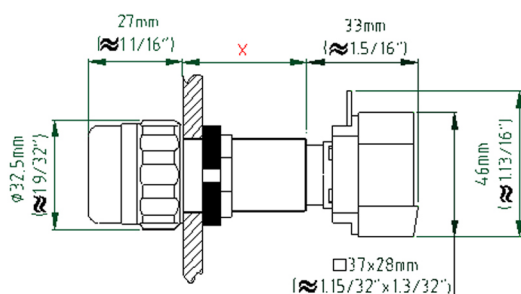


RATED VOLTAGE	250VAC/VDC
MAXIMUM POWER	2,6W



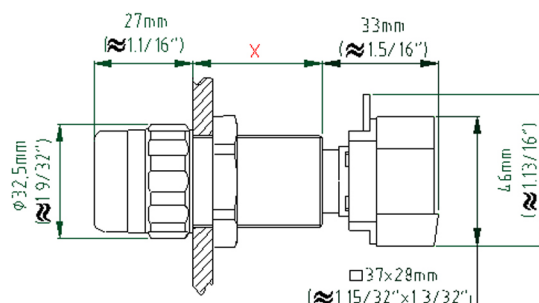
DIMENSIONS

M22 x 1,5



X	
(mm)	(inch)
25mm	≈ 1"
40mm	≈ 1.19/32"
57mm	≈ 2.1/4"

3/4" NPSM



PILOT LIGHT

ORDERING CODE

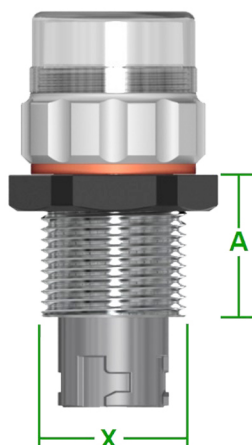


ORDERING CODE

sermat^{GRÜN}ex

SGEXXGPL A + B + LED + C(C1+C2+C3)

X THREAD SIZE



X	
CODE	SIZE
22	M22x1,5
26	3/4"NPSM

A THREAD LENGTH

A	
CODE	SIZE
N	25mm
L	40mm
X	57mm

B COLOR



CODE	AZ	AM	VM	VD	IN
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C LED = (C1+C2+C3)

C1 LED LENGTH

for LENGHT	LED type	CODE
25mm (N)	LONG	L
40mm (L)	LONG	L
57mm (X)	EXTRA-LONG	X

C2 LED COLOR



CODE	AZ	AM	VM	VD	BR
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C3 VOLTAGE

	12VCA/VCC	24VCA/VC	130VCA/VC	220VCA/VC	60VCA/VC	48VCA/VC
CODE	01	02	03	04	05	06

NOTE: The LEDs can be sold separately.



CODIFICATION EXAMPLES

SGEX26GPL 	+	3/4NPSM LENGTH 25mm N	+	 VM	+	 12V LEDLVM01	=	SGEX26GPLNVM + LEDLVM01
SGEX22GPL 	+	M22x1,5 LENGTH 25mm N	+	 VD	+	 220V LEDLVD04	=	SGEX22GPLNVD + LEDLVD04

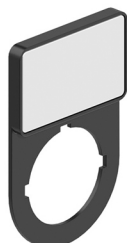
ACCESSORIES

IDENTIFICATION PLATE (only for M22x1,5 thread)

CODE: S2-PL1



PRINTABLE AREA: 19 X 27mm



G00	LIGA	G05	STOP
G01	DESLIGA	G06	RESET
G02	ABRE	G07	OPEN
G03	FECHA	G08	CLOSE
G04	START	G09	

DIMENSIONS(mm)

