DATASHEET - SD 125 Ex SOUNDER /HORN

AUDIBLE & VISUAL SIGNALLING EQUIPMENT



⟨£x⟩

- zone 1 & 2
- zone 21 & 22

DESCRIPTION - SD 125 Ex SOUNDER / HORN

This sounder is certified for use in Atex/explosive atmosphere, zone 1 & 2 for gas and zone 21 & 22 for dust. It is dedicated for Oil & Gas,chemical, petrochemical, pharmacy industries, marine and Offshore applications. It's designed for corrosive environnements and hazardous area.

This sounder, according to user control system, can be set with one tone among 59 prerecorded tones.

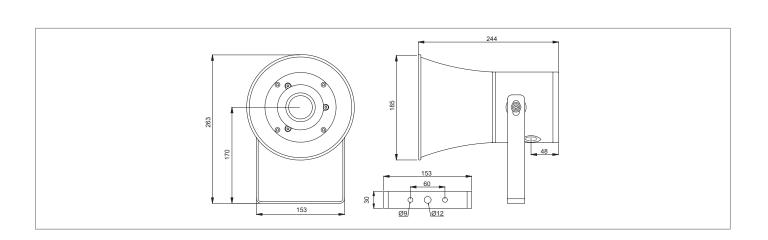
Optional it is possible to control the sounder via a telephone line.

Housing is made of stainless steel 316L covered with UV resistant paint.

A complete range of accessories is available to customize a products. (see accessories annex)

PRODUCT CODE CONFIGURATOR					
VOLTAGE	DUTY LABEL	TAG LABEL	CABLE ENTRY	FINISH COLOUR	TELEPHONE INITIATED
DC 12 48V DC	Y = YES	Y = YES	A = M20	RD = RED	Y = YES
			B = M25	YW = YELLOW	
AC1 1248V AC					
				■ BU = BLUE	
AC 100 240V AC	N = NO	N = NO	C = 1/2" NPT		N = NO
				■ BL = BLACK	
OR (OTHER REQUEST)			D = 3/4" NPT		
				□ OR = OTHER ON REQUEST	

ADD THE CODES RELATED TO THE FEATURES REQUIRED TO SD125:



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TECHNICAL DATA

MATERIAL	ENCLOSURE & BRACKET: Stainless Steel 316L			
COLOUR	• RED : RAL 3001 - YELLOW** : RAL1018 - BLUE** : RAL5005 - BLACK** : RAL9005			
INGRESS PROTECTION	• IP66/67			
AMBIENT TEMPERATURE FOR OPERATION	• T6 = - 40° C ~ + 55° C , T5 = - 40° C ~ + 60° C, T4 = - 40° C ~ + 70° C			
CERTIFICATION	• Nemko 13 ATEX 1562X, IECEX NEM 13.0032X			
EX CODE	• (Ex) 2 GD Ex d C T4 ~ T6 Gb, Ex tb C T135°C ~T85°C,			
STANDARD	• EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31, EN 54-3			
ATEX AREA ZONE	• Gas zone: 1 & 2 Dust zone: 21 & 22			
AMBIENT HUMIDITY*	• until 95%*			
POWER SUPPLY	• 12-48V DC • 12-48V AC (50/60hz) • 100-240V AC (50/60hz)			
RATED IMPULSE WITHSTAND VOLTAGE	• 1kV following IEC 61000-4-5			
CONSUMPTION	Adjustable from 5 to 25 W (factory setting 20W)			
CURRENT CONSUMPTION	• 0.5 to 1 A			
SIGNALLING TYPE	59 tones siren. Specific customer tones can be recorded in factory			
NOISE LEVEL	• Until 115 dB at 1 m			
CABLES ENTRY	• 2 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (Specify)			
TERMINAL	• From 22 to 14 AWG - from 0.50 mm² to 2.5 mm²			
NET WEIGHT	• 6.2 Kg			
EXTERNAL TRIGGER**	• 25Hz <f<50hz 40v<u<100v="" ohms<="" th="" z="2k"></f<50hz>			
	* = without runoff - ** = optional - cable gland and blind plug not provided			