



Audible Signals EXPLOSION PROOF Stainless Steel SOUNDER

Explosion Proof Sounder > Stainless Steel SD125 Series

Product overview

The SD125 electronic sounder range has been approved for use in potentially explosive atmospheres and very harsh environmental conditions.

Typical applications are Oil and Gas, On-shore and Offshore, Chemical, Petrochemical, Refineries & Marine locations etc.

The unit incorporates a three stage alarm option with sixty three tones to choose from which includes four tones that can be

recorded or customised by the installer. All tones can be pre-set during installation.

The units also have the ability to be fitted with a telephone initiation function and can be used as the second ring output indicator for telephones when installed in very noisy environments.

The design allows for termination inside the enclosure.

The sounder is supplied with a mounting bracket as standard.

Features/Certifications

- Approved by ATEX and CQST
 - IMETRO and IECEX (Pending)
- ATEX: II 2G Exd IIC T4 - T6 (incorporating IIA & IIB)
- Zones 1&2, Zones 21&22 (Pending)
- Conforms to EN (IEC) 60079-0, EN (IEC) 60079-1 and EN54
- Volume control
- Dustproof & Weatherproof

SD125 Series > Ordering Information

SD125	+	Voltage	Duty Label	Tag Label	Cable Entry	Finish Colour	Telephone Initiated
		DC 12 - 48v	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A = M20	RD = Red	<input checked="" type="checkbox"/>
		AC1 12 - 48v	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B = M25	YW = Yellow	<input checked="" type="checkbox"/>
		AC2 100 - 240v	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	C = 1/2 NPT	BU = Blue	<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D = 3/4 NPT	BL = Black	<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	O = Other	OR = Other	<input checked="" type="checkbox"/>

Follow the chart (right) to generate your part code.

MODEL CONFIGULATOR (By using the table above, complete this box sequence to select your required sounder).

SD125	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Voltage	Duty Label	Tag Label	Cable Entry	Finish Colour	Telephone Initiated	

Note: All customers orders will be confirmed in writing. Care should be taken that the correct code has been ordered as be-spoke manufactured products cannot be returned for exchange or credit later.

Kg 6.2

°C -40+70

IP 66/67

dB 115

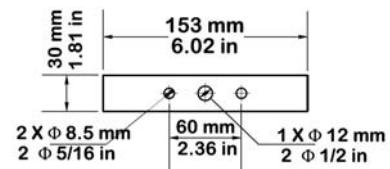
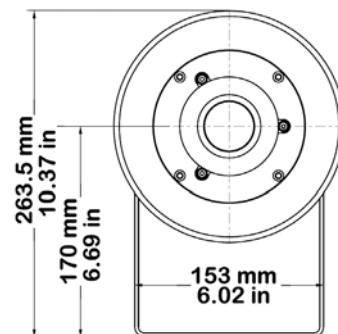
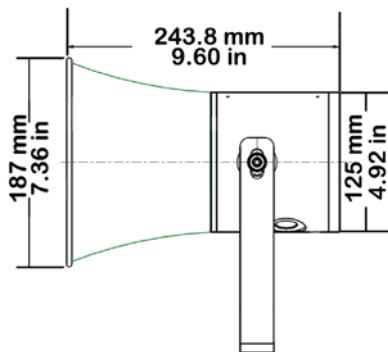
ANCHOR MARINE

INDUSTRIAL

APPROVALS and CONFORMITIES



STAINLESS STEEL



Fixing Holes for
Mounting Bracket

Explosion Proof Sounder > Stainless Steel SD125 Series

General Information

EX CODE: Exd IIC T4 - T6

CERTIFICATION: ATEX, CQST

TYPE: Electronic Sounder

OUNDER: 3 Stage alarm with 63 Selectable tones

POWER RATING: 5-20 Watts Adjustable

SOUND OUTPUT: Up to 115 dB at 1 metre

AMBIENT TEMPERATURE: -40 to +70

HUMIDITY: ≤ 95% RH

Mechanical Specifications

MATERIAL: Enclosure & Bracket: Stainless Steel 316

ENCLOSURE COLOUR: Red (RAL3001), Yellow (RAL1003)
Blue (RAL5005), Black (RAL9004)

WEIGHT: 6.2 Kg / 13.7 lb

DIMENSIONS: Length: 243.8mm / 9.65"

See outline drawing for other dimensions

INGRESS PROTECTION: IP 66 & 67

Electrical Specifications

POWER SUPPLY: 12-48v Dc, 12-48v Ac or 100-240v Ac

TERMINATION: Accepts upto ≤ 2.5mm² incorporating rising clamp protectors

CABLE ENTRY: 4 x M20, M25, 1/2"NPT, 3/4"NPT or Other (Specify)

CURRENT CONSUMPTION: Sounder 250 mA - 1500 mA (Adjustable by tone selection)

Spareparts & Accessories

Sounder Driver	05/50050140620
Sounder PCB (DC)	05/50053530501
Sounder PCB (AC)	05/50053530502
M20 Stainless Steel Exd Blind Plug	05/50100110920
M25 Stainless Steel Exd Blind Plug	05/55100110925
1/2" NPT Stainless Steel Exd Blind Plug	05/55100110821
3/4" NPT Stainless Steel Exd Blind Plug	05/55100110843
M20 Stainless Steel Exd Cable Gland	05/CG SM020X
M25 Stainless Steel Exd Cable Gland	05/CG SM025X
1/2" NPT Stainless Steel Exd Cable Gland	05/CG SN012X
3/4" NPT Stainless Steel Exd Cable Gland	05/CG SN034X

SD125 Series > Working Current

12v Dc	24v Dc	48v Dc	110v Ac	220v Ac
910 mA (Max 10W)	960 mA	500 mA	210 mA	100 mA