

Signalling Devices

audible signalling device Sounder

flameproof

YA60/C/D/EU Art. No. 205191



- Ex d enclosure made from seawater-resistant aluminium
- Omnidirectional high output sounder 110 dB(A) @ 1 m
- 2 stage alarm, independently selectable 2nd stage
- Each with 32 selectable tones in accordance with international regulations
- Independent tone selection using a DIL switch for each pitch
- IP66 rated as standard / NEMA 4X (for UL variants)
- Telephone initiate option available

WebCode YA60A



Yodalex range

Product Series YA60 is designed to provide a audible alarm which can be used to alert, warn or draw attention to machine malfunction/start up or any number of safety related issues in hazardous areas. Omnidirectional audible signal designed for use in hazardous or harsh environments.

Technical Data

Explosion Protection

Application range (Zone)	1 2 21 22
Certificate IECEX Gas	IECEX BAS 05.0087X
Certificate ATEX Gas	Baseefa 02 ATEX 0222 X
Certificate IECEX Dust	IECEX BAS 05.0087X
Certificate ATEX Dust	Baseefa 02 ATEX 0222 X
Ambient temperature °C	-20 ... +40 °C
Gas explosion protection IECEX	Ex d IIB+H2 T6 Gb
Gas explosion protection ATEX	⊕ II 2 G Ex d IIB+H2 T6 Gb
Dust explosion protection IECEX	Ex tb IIIC T85 °C Db
Dust explosion protection ATEX	⊕ II 2 D Ex tb IIIC T85 °C Db
Ambient temperature °C 2	-20 ... +60 °C
Certificates	ATEX (BAS), Brazil (ULB), IECEX (BAS)
Ship approval	ABS
Languages of documentation	German English

Electrical Data

Rated operational current	0.35 A
Rated operational voltage DC	24 – 24 V
Tolerance	-10 – 10 %

Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1m
Sound selection	via DIL switch
Sound stages	2

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Ambient Conditions

Min. ambient temperature	-20 °C
Max. ambient temperature	+40 °C
Min. ambient temperature 2	-20 °C
Max. ambient temperature 2	+60 °C
Ambient temperature	-20 °C ... +40 °C -20 °C ... +60 °C

Mechanical Data

Type of protection IP (IEC 60529)	IP66
Enclosure material	Aluminium, powder coated, seawater resistant
Material Fixing elements	Sheet steel, powder-coated
Trumpet material	ABS, flame retardant
Weight	5 kg
Connection terminals solid max.	2.5 mm ²
Connection terminals finely-stranded max.	2.5 mm ²
Width	145 mm
Height	289 mm
Length	148 mm
Enclosure colour	red normal

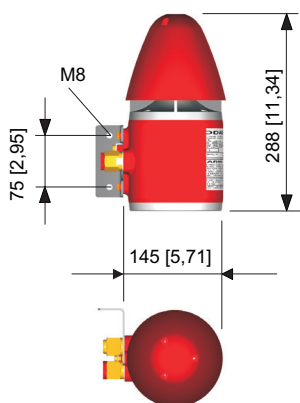
Mounting / Installation

Connection type	Screw terminal
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Components

Drilled hole	2 x M20
Cable entry	to be ordered as accessory
Plug	1 x M20 x 1,5 1 x dust cap
Material stopping plug	Brass

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories and Spare Parts

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Cable glands made of metal

Art. No.



Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)

109428



Ex d & Ex e Compound barrier cable gland for all types of unarmoured and braid armour cables (nickel plated brass)

109441

Mounting bracket

Art. No.



Stainless steel bracket fixing kit accessories

210794

Replacement PCB assembly

Art. No.



24 V DC / 5 J

222970

Sound reduction kit

Art. No.

sound reduction kit reduce dB output to 75 dB (A) 24 V DC variants

229983

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.