

Additional Technology and Signaling

Audible signalling device Sounder

In flameproof enclosure

YA60/B/N/UL Art. No. 207054



- Ex d enclosure made from seawater-resistant aluminium
- Omnidirectional high output sounder 110 dB(A) @ 1 m (37.37")
- 2 stage alarm, independently selectable 2nd stage, each with 32 selectable tones in accordance with international regulations
- Independent tone selection using a DIL switch
- NEMA 4X / IP66 rated
- Telephone initiate option available

MY R. STAHL YA60A



Yodalex range

Product Series YA60 is designed to provide an 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

Scope of validity	Canada USA
Application range (Zones)	1 2 21 22
Certificate ULus	UL E161818
Marking cULus	Class I, Div. 1,2, Groups B,C,D Class II Groups E,F,G Class III Class I, Zone 1, AEx/Ex d IIB + H ₂
Certificate cUL	UL E161818
Marking cULus	Class I, Div. 1,2, Groups B,C,D Class II Groups E,F,G Class III Class I, Zone 1, AEx/Ex d IIB + H ₂
Certificates	Canada / USA (UL)

Electrical Data

Rated operational voltage AC	230 V
Rated operational current	0.055 A
Tolerance	-10 ... 10 %

Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1 m
Sound pressure level	Max. 110 dB(A) @ 39.37"
Tone selection	Via DIL switch
Sound level	2

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Ambient Conditions

Ambient temperature °C	-25 °C ... +66 °C
Ambient temperature °F	-13°F ... +150°F
Functional ambient temperature	-25 °C ... +66 °C

Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Aluminum, powder-coated, Seawater-resistant
Enclosure color	Red (RAL 3001)
Trumpet material	ABS, flame retardant
Max. solid connection terminals	2.5 mm ²
Connection terminal, solid, max. AWG	AWG 14
Max. finely stranded connection terminals	2.5 mm ²
Connection terminal, finely stranded, max. AWG	AWG 14
Cable length, inches	0 in
Width	145 mm
Width, inches	5.83 in
Height	289 mm
Height, inches	11.38 in
Length	148 mm
Length, inches	5.71 in
Weight	5.4 kg
Weight	11.9 lb

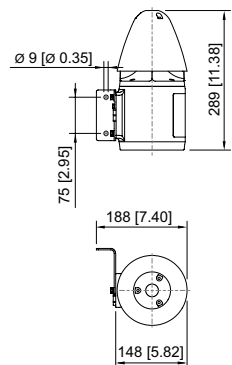
Mounting / Installation

Connection type	Screw terminal
Mounting part material	Sheet steel, powder-coated
Note about mounting	Provided

Components

Drilled holes	2 x M20
Cable glands and entries	Can be ordered as accessories
Stopping plugs	1 x dust cap 1 x CMP-757 VST Ms M20 1 x adapter M20x1/2" NPT
Stopping plug material	Brass

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



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Accessories

Enclosure flange		Art. No.
	complete, green, ATEX spare	209378
Mounting accessories		Art. No.
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794
Metal cable gland		Art. No.
	Ex d and Ex e cable gland with compound for all types of armoured cables (SWA, wire-braid, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d and Ex e cable gland with compound for all types of armoured cables (SWA, wire-braid, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649
	Ex d and Ex e cable glands with compound for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d and Ex e cable glands with compound for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605

Spare Parts

Cover FL60/YA60		Art. No.
	Cover with set of screws	227892
Spare PCB assembly kit		Art. No.
	PCB YA60 115 to 230 V AC	209515
	PCB YA60/C 24 V DC	222969
Shaped horn assembly kit		Art. No.
	Shaped horn YA60/YL60/YA6S/YL6S spare ATEX	213457

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