

# Signalling devices

## Audible signalling device Sounder

In flameproof enclosure

YA60/B/L/UL Art. No. 205204



- Horn: Omnidirectional/max. 110 db(A)
- Type of protection: Ex d
- Class: IP66/67 (IEC 60529/NEMA 4X)
- Robust aluminium enclosure (powder-coated)
- Tones can be selected individually via a DIL switch for each pitch
- Including fastening bracket
- 32 standardised preconfigured signal tones (compatible with PFEER/UKOOA)
- Two separate signal tones can be selected
- Connection for telephone systems can be ordered as an option

MY R. STAHL YA60A



The **YA60 product series** provides audible alarm signals which can be used to alert, warn or draw attention to equipment malfunction/start-up or any number of safety-related issues in hazardous areas. Omnidirectional audible panel signal, intended for use in hazardous or harsh environments.

### Technical Data

#### Explosion Protection

Scope of validity	Canada USA
Application range (zones)	1 2 21 22
USA gas certificate	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 <sub>2</sub>
CAN gas certificate	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 <sub>2</sub>
Certificates	Canada / USA (UL)

#### Electrical Data

Rated operational voltage AC	115 V
Rated operational current	0.11 A
Tolerance	-10 ... 10 %

#### Acoustic Data

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

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#### Ambient Conditions

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

#### Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Enclosure colour	Red (RAL 3001)
Trumpet material	ABS, flame retardant
Max. solid connection terminals	2.5 mm <sup>2</sup>
Connection terminal, solid, max. AWG	AWG 14
Max. finely stranded connection terminals	2.5 mm <sup>2</sup>
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

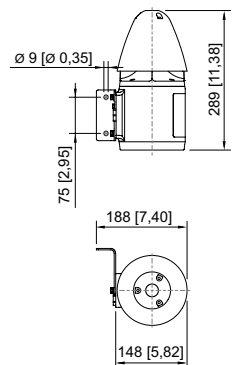
#### Mounting / Installation

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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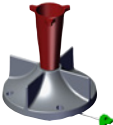
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## Accessories


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
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	PCB YA60/C 24 V DC	222969

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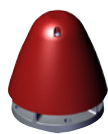
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### Shaped horn assembly kit

Art. No.



Shaped horn YA60/YL60/YA6S/YL6S spare  
ATEX

213457

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.