



- Corrosion-resistant, GRP Ex d enclosure
- Max sound output 115 dB(A) @ 1 m (39.37")
- 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
- Monitoring facility (DC voltages only)
- Adjustable stainless steel ratchet bracket providing positive setting

WebCode **YA90A**



Yodalex range  
Directional audible signal designed for use in hazardous or harsh environments.

	NEC® 500 CEC Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in		•				

	CEC Section 18 NEC® 505   NEC® 506					
	Class I					
Zone	0	1	2	20	21	22
Ex interface						
Installation in						

	IECEX / ATEX					
	Zone	0	1	2	20	21
Ex interface						
Installation in		•	•		•	•

Selection Table					
Certificates					
Canada / USA (UL)					
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight lb
115 V	-	0.13 A	YA90/C-L-UL-RN-ST-00-00-00	205366	9.92
230 V	-	0.09 A	YA90/C-N-UL-RN-ST-00-00-00	212397	9.92
-	24 V	0.5 A	YA90/C-D-UL-RN-ST-00-00-00	205365	9.92

Variations in gas group, voltage and certification are available.  
Tag labels can be added, please contact your local sales office for more details

Technical Data	
Explosion Protection	
Certificate ULus	UL E161818
Certificate cUL	UL E161818
Marking ULus	Class I, Div. 2, Groups A,B,C,D
Marking cUL	Class I, Div. 2, Groups A,B,C,D
Acoustic Data	
Sound pressure level	max. 115 dB(A) @ 1 m
Sound pressure level	max. 110 dB(A) @ 39.37 "
Tone selection	Via DIL switch
Number of stages	2
Ambient Conditions	
Ambient temperature °F	-76°F ... +151°F
Ambient temperature °C	-60 °C ... +66 °C

## Technical Data

### Mechanical Data

Degree of protection (NEC UL 50)	NEMA 4X
Degree of protection IP (IEC 60529)	IP66
Enclosure material	Polyester (GRP), Glass fibre reinforced
Trumpet material	ABS, flame retardant
Enclosure colour	Red (RAL 3001)

### Mounting / Installation

Connection type	Screw terminal
Material mounting parts	1.4404 stainless steel

### Components

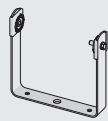


Drilled holes	2 x M20
Cable entries	Can be ordered as accessories
Stopping plug	1 x 1/2" NPT 1 x dust cap 2 x adapters M20x1/2"NPT
Stopping plug material	Brass

You can find more technical data online at [r-stahl.com](http://r-stahl.com). WebCode YA90A

## Accessories

Figure	Description	Art. No.	Weight lb
<b>Sun shield</b>			
	Fixing kit for pole mounting incl. adapter plate and screws	267720	1.81
	Sun shield YA90 incl. fixing screws	267731	3.66

## Spare Parts

Figure	Description	Art. No.	Weight lb
<b>Mounting bracket</b>			
	U-bracket stainless steel 1.4404	224587	0.99
<b>Replacement PCB assembly</b>			
	115 ... 230 V AC	209534	0.22
	24 V DC	209564	0.22

Stainless steel mounting bracket provided. Holes to suit M6, pitch 60 mm.

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

