



- Max. sound output 100 dB(A) @ 1 m (39.37")
- Single stage alarm
- 32 sound tones available meeting international regulations
- Low profile (28 mm/1.1") light weight aluminium enclosure
- 3 metre (118") 2 core pre wired cable fitted and prepared ready for installation
- Panel sealing gasket and fixings provided
- Low current consumption
- High performance red paint finish as standard
- NEMA 4X / IP66 rated
- Compact and lightweight design

WebCode YA11A



Yodalex range  
Panel mount 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	ATEX (BAS), Canada / USA (UL), IECEX (BAS)			
Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight lb
24 V	0.071 A	YA11/1-D-...-RN	211439	3.31

The customer must specify the desired tone when ordering.  
The tone cannot be changed by the customer.  
32 tones are available; see Tone Table, e.g. if tone 18 is desired, please use the order number YA11/1-D-18-RN.  
The tone table can be found online at r-stahl.com.

Technical Data	
<b>Explosion Protection</b>	
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
IECEX gas explosion protection	Ex nA IIC T4 Gc
IECEX dust explosion protection	Ex tc IIIC T90 °C Dc
<b>Acoustic Data</b>	
Sound pressure level	max. 100 dB(A) @ 1 m
Sound pressure level	max. 110 dB(A) @ 39.37 "
Tone selection	According to the order
Number of stages	1
<b>Ambient Conditions</b>	
Ambient temperature °F	-40°F ... +158°F
Ambient temperature °C	-40 °C ... +70 °C

## Technical Data

### Mechanical Data

Degree of protection IP (IEC 60529)	IP66
Enclosure material	Aluminum / ABS
Enclosure colour	Red (RAL 3001)
Cable length inches	118 in
Conductor length m	3 m

### Mounting / Installation

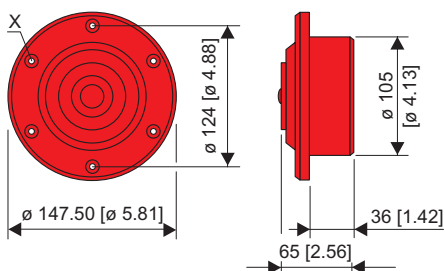
Material mounting parts	Stainless steel
Connection type	ÖLFLEX150 QUATTRO/18AWG 2x1mm <sup>2</sup>

You can find more technical data online at [r-stahl.com](http://r-stahl.com). WebCode YA11A

## Spare Parts

Figure	Description	Art. No.	Weight lb
<b>Replacement installation kit</b>			
	gasket, screws, nuts, locking devices and washers	212603	0.09

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



## Tone Table

Tone no.	Version	Frequency	Repetition rate (sec)	Special application
Tone 01	Alternate two-tone	800-1000	0.5	Fire alarms - Level crossing
Tone 02	Alternate two-tone	2500-3100	0.5	Security alarms
Tone 03	Alternate fast two-tone	800-1000	0.25	Increased urgency - Level crossing
Tone 04	Alternate fast two-tone	2500-3100	0.25	Security deterrent
Tone 05	Alternate two-tone	440-554	0.4/0.1	AFNOR, France
Tone 06	Alternate two-tone	430-470	1.0	
Tone 07	Alternate fast two-tone	800-1000	0.13	
Tone 08	Alternate fast two-tone	2500-3200	0.07	
Tone 09	Alternate two-tone	440-554	2.0	Turn out, Sweden
Tone 10	Continuous tone	700		All-clear, Sweden
Tone 11	Continuous tone	1000		
Tone 12	Continuous tone	1000		
Tone 13	Continuous tone	2300		
Tone 14	Continuous tone	440		
Tone 15	Interrupted tone	1000	2.0	
Tone 16	Interrupted tone	420	1.25	AS2220, Australia
Tone 17	Interrupted tone	1000	0.5	
Tone 18	Interrupted tone	2500	0.25	
Tone 19	Interrupted tone	2500	0.5	
Tone 20	Interrupted tone	700	6/12	Pre-vital message, Sweden
Tone 21	Interrupted tone	1000	1.0	
Tone 22	Interrupted tone	700	4.0	Air-raid alarm, Sweden
Tone 23	Interrupted tone	700	0.25	Local warning, Sweden
Tone 24	Interrupted tone	720	0.7/0.3	Industrial alarm, Germany
Tone 25	Interrupted, fast, rising volume	1400	0.25	
Tone 26	Fast siren	250-1200	0.085	
Tone 27	Rising constant, fall	1000	10/40/10	Industrial alarm, Germany
Tone 28	ISO 8201 Evacuation	800-1000	As standard	International evacuation alarm
Tone 29	Fast whoop	500-1000	0.15	
Tone 30	Slow whoop	500-1200	4.5	Evacuation, The Netherlands
Tone 31	Reverse sweep	1200-500	1.0	Evacuation, Germany
Tone 32	Siren	500-1200	3.0	