



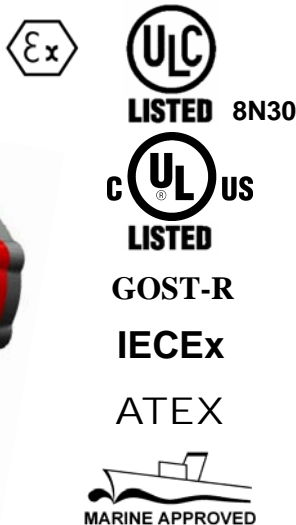
Clifford & Snell

# YO9

## Yodalex

### Explosion Proof Sounder

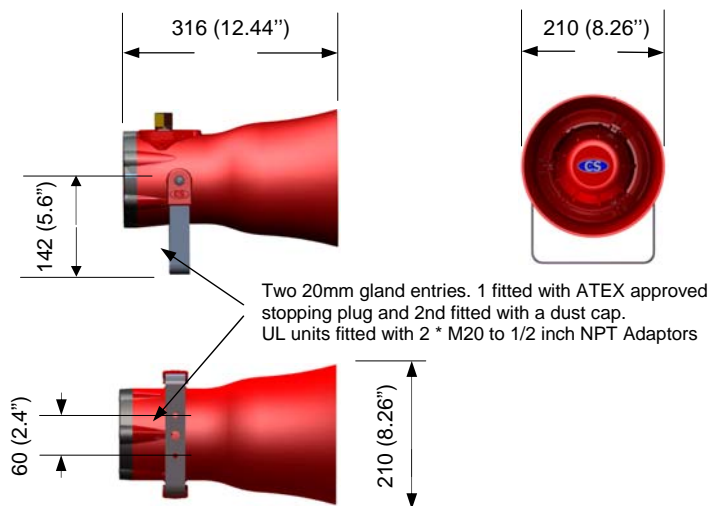
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#### MAIN FEATURES

- High sound output 115dB at 1 metre
- Light weight Glass Reinforced Polyester (GRP) Ex Enclosure for use where potentially explosive atmospheres maybe present
- GOST-R, ATEX / IECEx Approved Gas & Dust Zones 1 & 2, 21 & 22
- UL/cUL/ULC Class1, Div 2 Groups A, B, C, D Haz Loc. Audible signal appliance for fire alarm service - Public Mode. Intended for indoor or outdoor use
- Evaluated for Marine Use using Lloyds Register Type Approval System
- Enclosure finished in Red High Performance Paint with ABS Flare Assembly
- 2 stage alarm, independently selectable second stage
- Dual 20mm gland entries as standard. See below for detail
- Monitoring facility (DC only)
- Adjustable stainless steel ratchet bracket providing positive setting
- 32 selectable tones meeting international regulations
- Sound selection via 5 way DIL switch

#### DIMENSIONS mm



#### TECHNICAL SPECIFICATION

- IP 66, NEMA 4X rated
- The Yodalex alarms meet the requirements of standards BS EN 60529 : 1992, Degree of Protection IP66 and of UL50 : Nema 4X Hosedown test. (certified for Marine use)
- Weight 4.5 Kg
- Sound output 115dB(A) at 1 mtr
- Relative Humidity 95% @ 40°C
- Certified Temperature Range
 

ATEX/IECEX	-60°C to +60°C
UL & ULC	-60°C to +66°C
- Operating Voltage 24Vdc, 48Vdc, 115Vac / 230Vac  
*NB 48Vdc is not available on UL listed products*
- Current consumption
 

24Vdc	300mA
48Vdc	160mA
115Vac	80mA
230Vac	45mA
- UL units fitted with 2 \* M20 to 1/2 inch NPT Adaptors. All other units are supplied with ATEX approved stopping plug and dust cover

#### MOUNTING

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

#### APPROVAL SPECIFICATION

**European Standards**  
EN60079-0:2006 EN60079-1:2004  
**ATEX. See configurator (EU)**  
Baseefa 08ATEX0189X Ex d IIC T6 Ex tD A21 IP66 Tamb (-60°C to +60°C)  
Baseefa 08ATEX0191X Ex d IIB T6 Ex tD A21 IP66 Tamb (-60°C to +60°C)

**International. Standards See configurator (IN)**  
IEC Ex08.0061X IEC Ex IIC : IEC Ex08.0062X IEC Ex IIB

**Russian Approval. See configurator (RU)**  
GOST-R Certified : Fire Safety Certified

**North American Standards See configurator (UL)**  
**Standard UL 464**, Edition 8, Revision date 2008-02-14 and ISA 12.12.01-2007 - Nonincendive Electrical Equipment For Use In Class I and II, Division 2, Class III, Divisions 1 and 2 Hazardous (Classified) Locations - Edition 1 - Issue Date 2007-04-12  
**Canadian Standard CAN/ULC-S525-07**, Edition 3, dated February 2007 and CSA C22.2 No. 213 - Non-Incendive Electrical Equipment For Use In Class I, Division 2 Hazardous Locations (1987 Edition) - Edition 1 - Issue Date 1987-03-01.

#### CONFIGURATOR

