

# Combination Signal - 100 dB (A) / 3 Joule Series YL20



- > Max sound output 100 db (A) / 1 m
- > Parabolic reflector produces high intensity light output (3 J)
- > Fully integrated sounder strobe combination unit
- > 32 selectable tones meeting international regulations
- > Volume control as standard
- > Separate light, sound or combination function
- > Single stage alarm
- > Unique compact design
- > Suitable as bedhead alarm
- > Low current consumption



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Yodalight range  
Multi-purpose audible and visual signalling device designed for indoor industrial applications.

### Approvals

Certificates		
 0086-CPD-96705		BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A2 : 2006
 KM 91259		BS EN 54-3 : 2001 incorporates amendment A 1 : 2002 + A2 : 2006

### Selection Table

Version	Enclosure colour	Rated operational voltage	Lens colour	Order number	Art. no.	Weight
YL20 Sounder/Strobe combination, standard devices	red normal (RN)	24 V DC	amber	YL20/D10/A/RN	204445	0.290
			red	YL20/D10/R/RN	204453	0.290
			clear	YL20/D10/C/RN	204451	0.290
	white (WN)	24 V DC	amber	YL20/D10/A/WN	204448	0.290
			red	YL20/D10/R/WN	204457	0.290
			clear	YL20/D10/C/WN	204452	0.290

Note for indoor use only

WebCode YL20A

# Combination Signal - 100 dB (A) / 3 Joule

## Series YL20

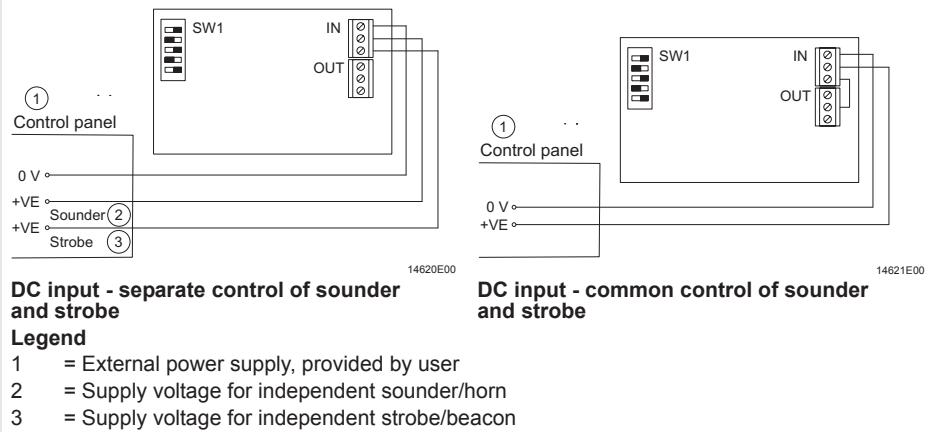


### Technical Data

#### Electrical data

Rated operational voltage	24 V DC $\pm$ 10 %	
Current consumption	sounder	min. 20 mA
	strobe	min. 60 mA

#### Schematic



#### Acoustic data

Volume	100 db (A) / 1 m
Sound selection	via DIL switch, made by setting of the PCB mounted switches

#### Luminous Characteristics

Lens colour	amber, red, clear
Flash rate	1/s
Flash energy	3 J
Light intensity	40 cd (effective) on x-axis
Signal selection	made by setting of the PCB mounted switches

#### Ambient conditions

Operating temperature range	- 25 ... + 40 °C
Storage temperature	- 40 ... + 70 °C
Max. relative humidity	90 % at 40 °C

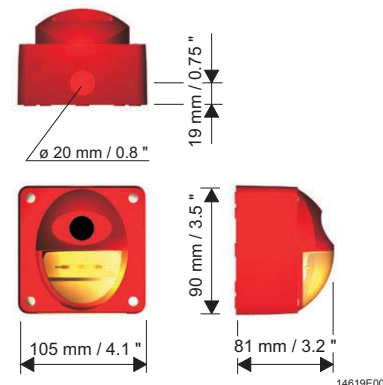
#### Mechanical data

Material	
Enclosure	ABS, flame retardant
Lens	polycarbonate plastic

#### Assembly / Installation

Assembly	Should be mounted to a reasonably flat wall or bulkhead of suitable material using the internal fixing holes. The installation is completed by fitting the unit onto the back box by means of the screws provided.
Connection	Separate in – out supply connections for looping to other YL20 units

#### Dimensional Drawings (All Dimensions in mm / inches) - Subject to Alterations



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.