

## Signalling Devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/D50/R/EU Art. No. 205257



- Ex d enclosure made from seawater-resistant aluminium
- Omnidirectional high output sounder 110 dB(A) @ 1 m
- 5 Joule xenon strobe
- 2 stage alarm, independently selectable 2nd stage
- Each with 32 selectable tones in accordance with international regulations
- Independent tone selection using a DIL switch for each pitch
- Aluminium enclosure with stainless steel fasteners
- Flash rate 1 per second
- IP66 rated as standard / NEMA 4X (for UL variants)
- Telephone initiate option available

WebCode YL60A



### Yodalex range

Product Series YL60 is designed to provide both an audible and visual alarm which can be used to alert, warn or draw attention to machine malfunction/start up or any number of safety related issues in hazardous areas. The audible and visual signals can be operated independently or as a combination unit.

### Technical Data

#### Explosion Protection

Application range (zones)	1 2 21 22
Certificate IECEX Gas	IECEX BAS 05.0087X
Certificate ATEX Gas	Baseefa 02 ATEX 0222 X
Certificate IECEX Dust	IECEX BAS 05.0087X
Certificate ATEX Dust	Baseefa 02 ATEX 0222 X
Ambient temperature °C	-20 ... +40 °C
Gas explosion protection IECEX	Ex d IIB+H2 T6 Gb
Gas explosion protection ATEX	⊕ II 2 G Ex d IIB+H2 T6 Gb
Dust explosion protection IECEX	Ex tb IIIC T85 °C Db
Dust explosion protection ATEX	⊕ II 2 D Ex tb IIIC T85 °C Db
Ambient temperature °C 2	-20 ... +60 °C
Certificates	ATEX (BAS), Brazil (ULB), IECEX (BAS), SIL (exida), Taiwan (ITRI)
Ship approval	ABS
Languages of the documentation	German English

#### Electrical Data

Rated operational current	570 mA
Rated oper curr, flash. beacon	220 mA
Rated oper. current, horn	350 mA
DC rated operational voltage	24 – 24 V
Tolerance	-10 – 10 %

#### Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1m
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## Acoustic Data

Tone selection	Via DIL switch
Pitch	2

## Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	9 cd
Flashbulb	5 J
Flash rate	1 Hz

## Ambient Conditions

Min. ambient temperature	-20 °C
Max. ambient temperature	+40 °C
Min. ambient temperature 2	-20 °C
Max. ambient temperature 2	+60 °C
Ambient temperature	-20 °C ... +40 °C -20 °C ... +60 °C

## Mechanical Data

IP degree of prot. (IEC 60529)	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Mounting part material	Sheet steel, powder-coated
Trumpet material	ABS, flame retardant
Material Dome	Polycarbonate
Wire guard material	Round struc. steel, galvanised
Max. solid connect. terminals	2.5 mm <sup>2</sup>
Max. fine. strand. conn. term.	2.5 mm <sup>2</sup>
Width	148 mm
Height	417 mm
Length	145 mm
Lens colour	Red
Enclosure colour	red normal
Weight	6 kg

## Mounting / Installation

Connection type	Screw terminal
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## Components

Drilled holes	2 x M20
Cable entry	Can be ordered as accessories
Stopping plug	1 x dust cap 1 x M20 x 1.5
Stopping plug material	Brass

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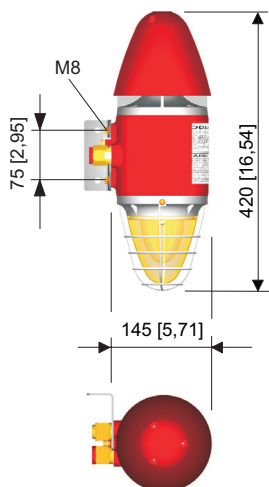
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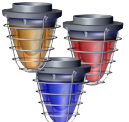
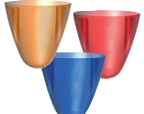

YL60/C/D50/R/EU Art. No. 205257



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



## Accessories and Spare Parts

		Art. No.
		209429
		213457
<b>Cable glands</b>		<b>Art. No.</b>
	Ex e adapter for ATEX - 20 °C to +50/60 °C	264252
<b>Emergency light flange</b>		<b>Art. No.</b>
	red ATEX spare	209412
<b>Moulding-lens</b>		<b>Art. No.</b>
	red	209405
<b>Replacement PCB assembly</b>		<b>Art. No.</b>
	24 V DC / 5 J	222970

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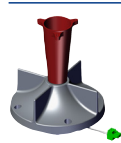
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### Sounder

### Art. No.



209395

### Sound reduction kit

### Art. No.

sound reduction kit reduce dB output to 75 dB (A) 24 V DC variants

229983

### Cable glands made of metal

### Art. No.



Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass)

243464



Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)

109428



Ex d & Ex e Compound barrier cable gland for all types of unarmoured and braid armour cables (nickel plated brass)

109441



Ex d & Ex e cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass) with unique compensating displacement seal system (CDS)

246561



RapidEx liquid pour sealing system  
Cable entry with compound CMP-20PX2K-REX  
KLE MsNi M20  
for reinforced conductors

246649



RapidEx liquid pour sealing system  
Cable entry with compound CMP-20PXSS2K-REX  
KLE MsNi M20

246605

### Mounting bracket

### Art. No.



Stainless steel bracket fixing kit accessories

210794

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.