

Signalling Devices

Combination Signal Device Sounder/Flashing Xenon Beacon

flameproof

YL60/C/N50/R/EU Art. No. 205282



- 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 (Zone)	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 documentation	German English

Electrical Data

Rated operational voltage AC	230 – 230 V
Rated operational voltage AC	230 – 230 V
Rated operational current	100 mA
Rated op. current flash. beac.	45 mA
Rated op. current sounder	55 mA
Tolerance	-10 – 10 %

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Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1m
Sound selection	via DIL switch
Sound stages	2

Lighting Data

Lamps	Xenon flash tube
Effective candela	9 cd
Beacon	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

Type of protec. IP (IEC 60529)	IP66
Enclosure material	Aluminium, powder coated, seawater resistant
Material Fixing elements	Sheet steel, powder-coated
Trumpet material	ABS, flame retardant
Material Dome	Polycarbonate
Material wire guard	mild steel rod, galvanized
Weight	6 kg
Connection terminals solid max.	2.5 mm ²
Connection terminals finely-stranded max.	2.5 mm ²
Width	148 mm
Height	417 mm
Length	145 mm
Lens Colour	Red
Enclosure colour	red normal

Mounting / Installation

Connection type	Screw terminal
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Components

Drilled hole	2 x M20
Cable entry	to be ordered as accessory
Plug	1 x dust cap 1 x M20 x 1,5
Material stopping plug	Brass

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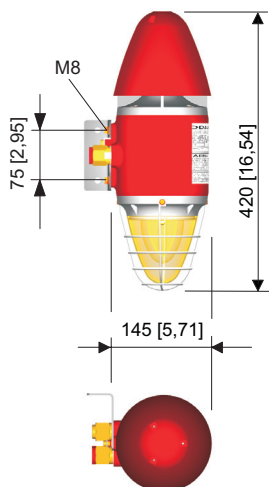
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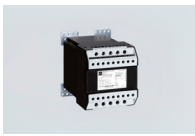


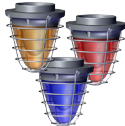
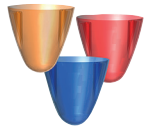
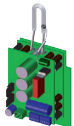
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories and Spare Parts

		Art. No.
		209429
		213457
Cable glands		Art. No.
	Ex e adapter for ATEX - 20 °C to +50/60 °C	264252
Emergency light flange		Art. No.
	red ATEX spare	209412
Moulding-lens		Art. No.
	red	209405
Replacement PCB assembly		Art. No.
	115...230 V AC / 5 J	209522

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Sounder

Art. No.



209395

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

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