

Signalling Devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/N50/A/EU Art. No. 205273



- 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
IECEX gas certificate	IECEX BAS 05.0087X
ATEX gas certificate	Baseefa 02 ATEX 0222 X
IECEX dust certificate	IECEX BAS 05.0087X
ATEX dust certificate	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	Ex II 2 G Ex d IIB+H2 T6 Gb
Dust explosion protection IECEx	Ex tb IIIC T85 °C Db
Dust explosion protection ATEX	Ex II 2 D Ex tb IIIC T85 °C Db
Ambient temperature °C 2	-20 ... +60 °C
Certificates	ATEX (BAS), Brazil (ULB), IECEx (BAS), India (PESO), SIL (exida), Taiwan (ITRI)
Ship approval	ABS
Languages of the 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 operational current flashing beacon	45 mA
Rated operational current horn	55 mA
Tolerance	-10 – 10 %

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Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1m
Tone selection	Via DIL switch
Pitch	2

Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	28 cd
Flashbulb	5 J
Flash rate	1 Hz

Ambient Conditions

Ambient temperature min.	-20 °C
Ambient temperature max.	+40 °C
Ambient temperature min. 2	-20 °C
Ambient temperature max.	+60 °C
Ambient temperature	-20 °C ... +40 °C -20 °C ... +60 °C

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Material mounting parts	Sheet steel, powder-coated
Trumpet material	ABS, flame retardant
Material Dome	Polycarbonate
Material wire guard	Round structural steel, galvanised
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	Orange
Enclosure colour	red normal
Weight	6 kg

Mounting / Installation

Connection type	Screw terminal
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Components

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

Signalling Devices

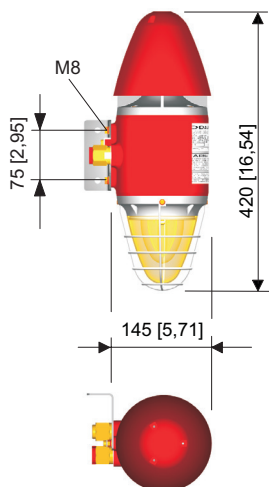
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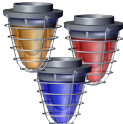
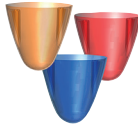
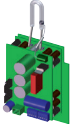
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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.
	amber ATEX spare	209407
Moulding-lens		Art. No.
	amber	209400
Replacement PCB assembly		Art. No.
	115...230 V AC / 5 J	209522

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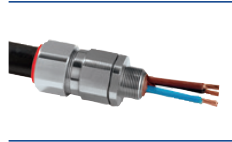
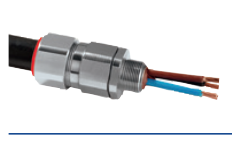
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STAHL

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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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.