

## Signalling devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/L50/Y/EU Art. No. 205464



- Lamp: Flashing beacon – XENON (5 J)/LED (6.5 W)
- Horn: Omnidirectional/max. 110 db(A)
- Type of protection: Ex d
- Class: IP66 (IEC 60529/NEMA 4X)
- Robust aluminium enclosure (powder-coated)
- Including stainless steel protective cage and fastening bracket
- Eight light-amplifying Fresnel lens colours can be ordered
- 32 standardised preconfigured signal tones (compatible with PFEER/UKOOA)
- Two separate signal tones can be selected
- Connection for telephone systems can be ordered as an option

MY R. STAHL YL60A



The **YL60 product series** provides audible and visual alarm signals which can be used to alert, warn or draw attention to equipment malfunction/start-up or any number of safety-related issues in hazardous areas. The audible and visual signals can be operated separately or in combination.

### Technical Data

#### Explosion Protection

Scope of validity	IECEX European Union (ATEX)
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BAS 05.0087X
IECEX gas explosion protection	Ex db IIB+H2 T6 / T4 Gb
IECEX dust certificate	IECEX BAS 05.0087X
IECEX dust explosion protection	Ex tb IIIC T85 °C / T135 °C Db
ATEX gas certificate	Baseefa 02 ATEX 0222 X
ATEX gas explosion protection	⊕ II 2 G Ex db IIB+H2 T6 / T4 Gb
ATEX dust certificate	Baseefa 02 ATEX 0222 X
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T85 °C / T135 °C Db
Certificates	ATEX (BAS), IECEX (BAS), SIL (exida)

#### Electrical Data

Rated operational voltage AC	115 V
Rated operational current	200 mA
Rated operational current, flashing beacon	90 mA
Rated operational current, horn	110 mA

#### Acoustic Data

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

#### Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	42 cd

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## Lighting Data

Flashbulb	5 J
Flash rate	1 Hz

## Ambient Conditions

Ambient temperature	-20 °C ... +40 °C (T6) -20 °C ... +60 °C (T4)
Functional ambient temperature	-20 °C ... +40 °C (T6) -20 °C ... +60 °C (T4)

## Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant
Enclosure colour	red normal
Trumpet material	ABS, flame retardant
Material dome	Polycarbonate
Material glas dome	Polycarbonate
Wire guard material	Stainless steel
Max. solid connection terminals	2.5 mm <sup>2</sup>
Max. finely stranded connection terminals	2.5 mm <sup>2</sup>
Width	148 mm
Height	417 mm
Length	145 mm
Lens colour	Yellow
Weight	6 kg
Weight	13.23 lb

## Mounting / Installation

Connection type	Screw terminal
Mounting part material	Sheet steel, powder-coated
Note about mounting	Provided

## Components

Drilled holes	2 x M20
Cable glands and entries	Can be ordered as accessories
Stopping plugs	1 x dust cap 1 x M20 x 1.5
Stopping plug material	Brass

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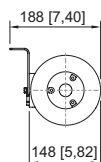
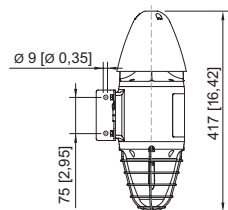
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## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



## Accessories

### Cable glands

Art. No.



Ex e adaptor for ATEX – 20 °C to +50/60 °C

264252

### Enclosure flange

Art. No.



complete, green, ATEX spare

209378

### Metal cable gland

Art. No.



Ex d and Ex e cable gland for all types of unarmoured cables (SWA, wire-braid, tape) (nickel-plated brass) with a special compensating sliding seal (CDS)  
Type 20T3CDS, M20 x 1.5

246561

### Mounting accessories

Art. No.



L-bracket, stainless steel, (available for FL60, YL60, YA60)

210794

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Metal cable gland		Art. No.
	Ex d and Ex e cable gland with compound for all types of armoured cables (SWA, wire-braid, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d and Ex e cable gland with compound for all types of armoured cables (SWA, wire-braid, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649
	Ex d and Ex e cable glands with compound for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d and Ex e cable glands with compound for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605
	Ex d and Ex e cable glands with RapidEx sealing system for all types of unarmoured cables and wire-braid-armoured cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605
	Ex d and Ex e cable gland for all types of unarmoured cables (SWA, wire-braid, tape) (nickel-plated brass) with a special compensating sliding seal (CDS) Type 20T3CDS, M20 x 1.5	246561

Cable glands		Art. No.
	Ex e adaptor for ATEX – 20 °C to +50/60 °C	264252

Mounting accessories		Art. No.
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794
	Stainless steel L-bracket, long version	247371

## Spare Parts

Flange		Art. No.
	Flange, ATEX, yellow (available for FL60, YL60)	209413

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Lens glass		Art. No.
	yellow	209406
Spare PCB assembly kit		Art. No.
	115 to 230 V AC/5 J	209522
	PCB YL60/C 5 J/24 V DC	222970
Fresnel lens		Art. No.
	Fresnel lens, yellow, spare	292142
Shaped horn assembly kit		Art. No.
	Shaped horn YA60/YL60/YA6S/YL6S spare ATEX	213457

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