

# Signalling devices



## Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL6S/C-N-050-C-EN-SF-A-ST-00-00-00 Art. No. 225109



- 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)
- Corrosion-resistant GRP enclosure
- 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)
- Separate signal tones can be selected (2 for AC, 3 for DC variants)
- Signal tone reduction can be set up to 18 dB(A)
- Connection for telephone systems/line monitoring can be ordered as an option

MY R. STAHL YL6SA



The **YL6S 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. The audible and visual signals can be operated separately or in combination. Corrosion resistance is a key feature of the device; it is therefore ideal for applications in the harshest of environments, both onshore and offshore.

### Technical Data

#### Explosion Protection

Scope of validity	IECEX European Union (ATEX)
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BAS 14.0064
IECEX gas explosion protection	Ex d IIC T5 / T4 Gb
IECEX dust certificate	IECEX BAS 14.0064
IECEX dust explosion protection	Ex tb IIIC T95 °C / T110 °C Db
ATEX gas certificate	Baseefa 14 ATEX 0126
ATEX gas explosion protection	⊕ II 2 G Ex d IIC T5 / T4 Gb
ATEX dust certificate	Baseefa 14 ATEX 0126
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T95 °C / T110 °C Db
Certificates	ATEX (BAS), IECEX (BAS)
Declaration of Conformity	ATEX (EUK)

#### Electrical Data

Rated operational voltage AC	230 V
Rated operational current	115 mA
Rated operational current, flashing beacon	75 mA
Rated operational current, horn	40 mA
Line monitoring	Yes
Tolerance	-10 ... 10 %

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## Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch
Sound level	2
Volume control	18 dB (A) adjustment
Volume adjustment	Potentiometer

## Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	62 cd
Flashbulb	5 J
Flash rate	1 Hz

## Ambient Conditions

Ambient temperature	-60 °C ... +40 °C (T5) -60 °C ... +55 °C (T4)
Functional ambient temperature	-40 °C ... +40 °C (T5) -40 °C ... +55 °C (T4)

## Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66/IP67
Enclosure material	Polyester, Glass fibre reinforced
Enclosure colour	Black
Trumpet material	ABS, flame retardant
Material dome	Polycarbonate, prismatic
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	178.5 mm
Height	403 mm
Length	145 mm
Lens colour	Clear
Weight	4.44 kg
Weight	9.79 lb

## Mounting / Installation

Connection type	Screw terminal
Mounting part material	Stainless steel
Note about mounting	Provided

## Components

Drilled holes	2 x M20
Cable glands and entries	Can be ordered as accessories
Stopping plugs	2 x dust cap

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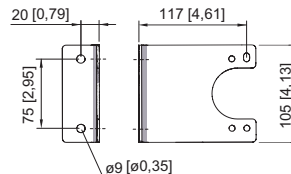
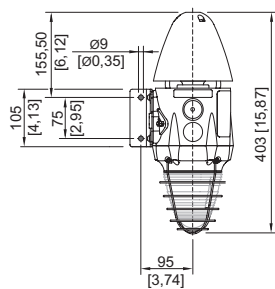
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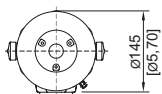
YL6S/C-N-050-C-EN-SF-A-ST-00-00-00 Art. No. 225109



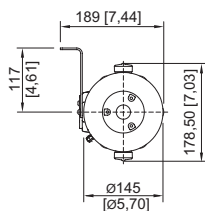
## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



L-Bracket






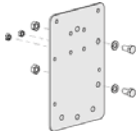
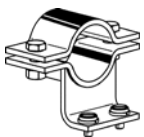
GRP Combination Signal Series YL6S without L-Bracket



GRP Combination Signal Series YL6S with L-Bracket

## Accessories

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 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 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

Mounting accessories		Art. No.
	Stainless steel L-bracket, standard version	221711
	Stainless steel L-bracket, long version	247371
	Adapter plate for pipe clamp fastening	256519
	Pipe clamp, R 1 1/4"	120812
	Pipe clamp, R 1 1/2"	120819
	Pipe clamp, R 2"	120823

## Spare Parts




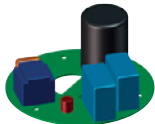


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		Art. No.
<b>Flange</b>		
	Flange, ATEX, clear (available for FL6S, FX15, YL6S)	223578
<b>Fresnel lens</b>		
	Fresnel lens, clear, spare	292144
	Fresnel lens, red, spare	292147
<b>PCB</b>		
	Connection PCB	223579
	Electronic PCB, 230 V AC, 5 Joule	223580
<b>Lamp</b>		
	Xenon lamp	223636
<b>Shaped horn assembly kit</b>		
	Shaped horn YA60/YL60/YA6S/YL6S spare ATEX	213457

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.