

Signalling devices

Combined signalling device Xenon horn/flashing beacon

In flameproof enclosure

YL6S/C-D-050-C-EN-SF-A-ST-00-00-00 Art. No. 225072



- 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), Taiwan (ITRI)
Declaration of Conformity	ATEX (EUK)

Electrical Data

Rated operational voltage DC	24 V
Rated operational current	600 mA
Rated operational current, flashing beacon	320 mA
Rated operational current, horn	280 mA
Line monitoring	Yes
Tolerance	-10 ... 10 %

Acoustic Data

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

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Acoustic Data

Sound level	3
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	-50 °C ... +40 °C (T5) -50 °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 ²
Max. finely stranded connection terminals	2.5 mm ²
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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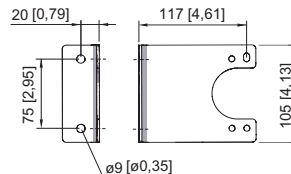
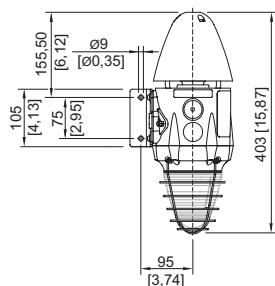
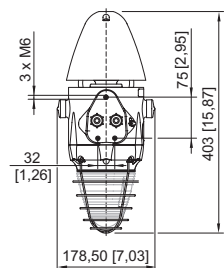
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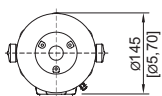
YL6S/C-D-050-C-EN-SF-A-ST-00-00-00 Art. No. 225072



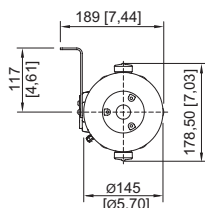
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



L-bracket



GRP combined signal Series YL6S without L-bracket



GRP combined signal Series YL6S with L-bracket

Accessories

		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

		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




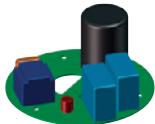


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		Art. No.
Flange		
	Flange, ATEX, clear (available for FL6S, FX15, YL6S)	223578
Fresnel lens		
	Fresnel lens, red, spare	292147
PCB		
	Connection PCB	223579
	Electronic PCB, 24 V DC, 5 J (available for FL6S, FX15, YL6S)	223635
Lamp		
	Xenon lamp	223636
Shaped horn assembly kit		
	Shaped horn YA60/YL60/YA6S/YL6S spare ATEX	213457

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