

Signalling devices



Combined signal device Horn/flashing beacon LED

In flameproof enclosure

YL6S/21-DV0000-YW0003-ST0000-0000 Art. No. 284532



- 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	European Union (ATEX) IECEX
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX EPS 20.0036X
IECEX gas explosion protection	Ex db IIC T6 / T4 Gb
IECEX dust certificate	IECEX EPS 20.0036X
IECEX dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db
ATEX gas certificate	EPS 20 ATEX 1 076 X
ATEX gas explosion protection	⊕ II 2 G Ex db IIC T6 / T4 Gb
ATEX dust certificate	EPS 20 ATEX 1 076 X
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C / T100 °C Db
Certificates	ATEX (BVIS), IECEX (BVIS)
Declaration of Conformity	ATEX (EUK)

Electrical Data

Rated operational voltage DC	21.1 ... 24 V
Rated operational current	1500 mA
Line monitoring	Yes
Tolerance	-10 ... 10 %

Acoustic Data

Sound pressure level	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch
Sound level	4

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Acoustic Data

Volume control	Max. -18 dB(A) adjustment
Volume adjustment	Via DIL switch

Lighting Data

Lamp	LED
Flash rate	1 Hz 1.5 Hz 2 Hz Double flash 1 Hz Double flash 2 Hz Triple flash 1 Hz Triple flash 2 Hz
Effective luminous intensity (1 Hz, flashing)	217 cd

Ambient Conditions

Ambient temperature	-60 °C ... +50 °C (T6) -60 °C ... +70 °C (T4)
Functional ambient temperature	-40 °C ... +50 °C (T6) -40 °C ... +70 °C (T4)

Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Polyester, Glass fibre reinforced
Enclosure colour	Black
Silicone-free content	Contains silicone
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	Yellow
Weight	4.44 kg
Weight	9.79 lb

Mounting / Installation

Connection type	Push in
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
Accessories	without

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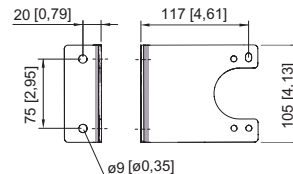
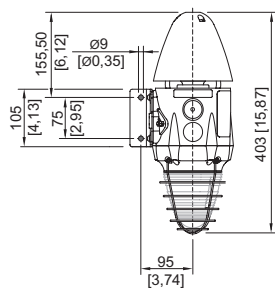
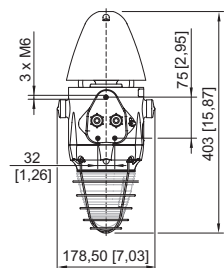
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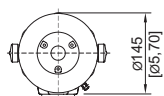
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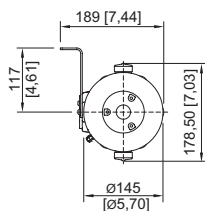
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



L-Bracket






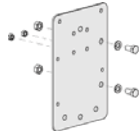
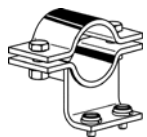
GRP Combination Signal Series YL6S without L-Bracket



GRP Combination Signal Series YL6S with L-Bracket

Accessories

		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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Fresnel lens		Art. No.
	Fresnel lens, red, spare	292147
	Fresnel lens, yellow, spare	292142
Lamp		Art. No.
	Xenon lamp	223636
Shaped horn assembly kit		Art. No.
	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.