

Signalling Devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/B/D50/R/EU/D Art. No. 276863



- 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)
- Stainless steel protection cage and mounting bracket included
- 8 light-intensifying Fresnel lens colours available to order
- 32 standardised preconfigured signal sounds (PFEER/UKOOA compatible)
- 2 individual signal sounds can be chosen
- Telephone system connection/line monitoring optionally available to order

MY R. STAHL YL60A



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

Scope of validity	European Union (ATEX) IECEX
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BAS 05.0086X
IECEX gas explosion protection	Ex db IIB T6 / T4 Gb
IECEX dust certificate	IECEX BAS 05.0086X
IECEX dust explosion protection	Ex tb IIIC T85 °C / T135 °C Db
ATEX gas certificate	Baseefa 02 ATEX 0212 X
ATEX gas explosion protection	⊕ II 2 G Ex db IIB T6 / T4 Gb
ATEX dust certificate	Baseefa 02 ATEX 0212 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 DC	24 V
Rated operational current	570 mA
Rated operational current, flashing beacon	220 mA
Rated operational current, horn	350 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
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Lighting Data

Effective luminous intensity	14 cd
Flashbulb	5 J
Flash rate	1 Hz

Ambient Conditions

Ambient temperature	-35 °C ... +40 °C (T6) -35 °C ... +60 °C (T4)
Functional ambient temperature	-35 °C ... +40 °C (T6) -35 °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 ²
Max. finely stranded connection terminals	2.5 mm ²
Width	148 mm
Height	417 mm
Length	145 mm
Lens colour	Red
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 M20 x 1.5 1 x dust cap
Stopping plug material	Brass

Signalling Devices

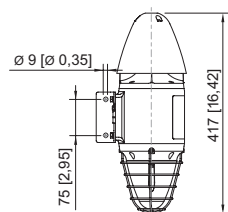
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations




Accessories


Metal cable gland

		Art. No.
	Ex d & Ex e cable entry with compound for all types of armoured cables (SWA, braided, tape) (nickel-plated brass) Type 20PX2K, M20 x 1.5	109428
	Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PX2K-REX, M20 x 1.5	246649
	Ex d & Ex e Cable entry with compound gland for all types of unarmoured and braid armour cables (nickel plated brass) Type 20PXSS2K, M20 x 1.5	109441
	Ex d & Ex e Cable entry with RapidEx sealing system for all types of unarmoured and braid armour cables (nickel-plated brass) Type 20PXSS2K-REX, M20 x 1.5	246605
	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) Type 20T3CDS, M20 x 1.5	246561

Cable glands

		Art. No.
	Ex e adapter 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

Replacement PCB assembly

Art. No.

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PCB YL60/C
5 J / 24 V DC

222970

Assembly kit moulding horn



Moulding horn YA60 / YL60 / YA6S / YL6S ATEX replacement

Art. No.

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.