

Signalling Devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/D50/A/EU Art. No. 205250

STAHL



- Lamp: Flashing beacon – XENON (5 J)
- 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

WebCode 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	IECEX European Union (ATEX)
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BAS 05.0087X
IECEX gas explosion protection	Ex d 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	Ex II 2 G Ex d IIB+H2 T6/T4 Gb
ATEX dust certificate	Baseefa 02 ATEX 0222 X
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T85 °C ... T135 °C Db
Certificates	ATEX (BAS), Brazil (ULB), China (CQST), EAC (ENDCE), IECEX (BAS), India (PESO), Korea (KTL), SIL (exida), Taiwan (ITRI)
Ship approval	ABS

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
Tolerance	-10 – 10 %

Acoustic Data

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

Signalling Devices

STAHL

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/D50/A/EU Art. No. 205250

Acoustic Data

Sound level	2
-------------	---

Lighting Data

Lamp	Xenon flash tubes
Effective luminous intensity	28 cd
Flashbulb	5 J
Flash rate	1 Hz

Ambient Conditions

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

Mechanical Data

IP degree of protection (IEC 60529)	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant
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	Amber
Enclosure colour	red normal
Weight	6 kg
Weight	13.23 lb

Mounting / Installation

Connection type	Screw terminal
Mounting part material	Sheet steel, powder-coated

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

Signalling Devices

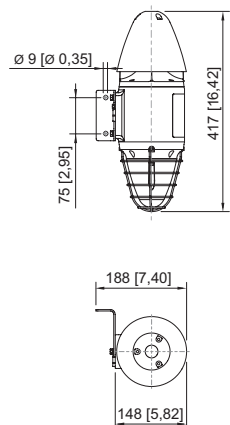
Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

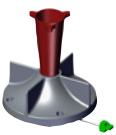
YL60/C/D50/A/EU Art. No. 205250



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



Accessories

		Art. No.
		209378
Cable glands		Art. No.
	Ex e adapter for ATEX - 20 °C to +50/60 °C	264252
	Ex e adapter for ATEX - 20 °C to +50/60 °C	264252
Cable glands made of metal		Art. No.
	Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass) Series A2F, M20 x 1.5	243464
	Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)	109428
	RapidEx liquid pour sealing system Cable entry with compound CMP-20PX2K-REX KLE MsNi M20 for reinforced conductors	246649
	Ex d & Ex e Compound barrier cable gland for all types of unarmoured and braid armour cables (nickel plated brass)	109441
	RapidEx liquid pour sealing system Cable entry with compound CMP-20PXSS2K-REX KLE MsNi M20	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)	246561

Signalling Devices

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/D50/A/EU Art. No. 205250

STAHL

Mounting accessories

Art. No.

	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794
	L-bracket, long, stainless steel (available for FL6S, FX15, YA60, YL6S)	247371

Sound reduction kit

Art. No.

	sound reduction kit reduce dB output to 75 dB (A) 24 V DC variants	229983
--	--	--------

Cable glands made of metal

Art. No.

	Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass) Series A2F, M20 x 1.5	243464
	Ex d & Ex e Compound barrier cable gland for all types of armoured cables (SWA, braided, tape) (nickel plated brass)	109428
	Ex d & Ex e Compound barrier cable gland for all types of unarmoured and braid armour cables (nickel plated brass)	109441
	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)	246561
	RapidEx liquid pour sealing system Cable entry with compound CMP-20PX2K-REX KLE MsNi M20 for reinforced conductors	246649
	RapidEx liquid pour sealing system Cable entry with compound CMP-20PXSS2K-REX KLE MsNi M20	246605

Mounting accessories

Art. No.

	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794
--	--	--------

Spare Parts

Art. No.

		213457
		213457

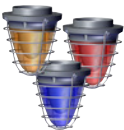
Signalling Devices

STAHL

Combined signal device Xenon horn/flashing beacon

In flameproof enclosure

YL60/C/D50/A/EU Art. No. 205250

Flange		Art. No.
	Flange, ATEX, amber (available for FL60, YL60)	209407
Moulding-lens		Art. No.
	amber	209400
Replacement PCB assembly		Art. No.
	24 V DC / 5 J	222970
	24 V DC / 5 J	222970

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.