

Audible signalling device

Series YA60 - Ex d, max. 110 dB(A), aluminium

STAHL



- Horn: Omnidirectional/max. 110 dB(A)
- Type of protection: Ex d
- Class: IP66/67 (IEC 60529/NEMA 4X)
- Robust aluminium enclosure (powder-coated)
- Tones can be selected individually via a DIL switch for each pitch
- Including fastening bracket
- 32 standardised preconfigured signal tones (compatible with PFEER/UKOOA)
- Two separate signal tones can be selected
- Connection for telephone systems can be ordered as an option

E5

MY R. STAHL YA60A



The **YA60 product series** provides audible alarm signals which can be used to alert, warn or draw attention to equipment malfunction/start-up or any number of safety-related issues in hazardous areas. Omnidirectional audible panel signal, intended for use in hazardous or harsh environments.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

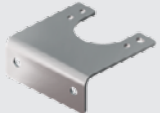
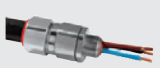


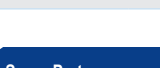
Selection Table						
Certificates ATEX (BAS), China (CQST), IECEX (BAS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	
-	24 V	0.35 A (T6)	YA60/C/D/EU/L	290741	5.4 kg	
Certificates ATEX (BAS), IECEX (BAS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	
115 V	-	0.11 A (T6)	YA60/C/L/EU	205199	5.4 kg	
230 V	-	0.055 A (T6)	YA60/C/N/EU	205200	5.4 kg	
-	24 V	0.35 A (T6)	YA60/C/D/EU	205191	5.4 kg	
Certificates ATEX (BVIS), IECEX (BVIS)						
Rated operational voltage AC	Rated operational voltage DC	Rated operational current	Product Type	Art. No.	Weight	
-	12 ... 24 V	0.3 A (T6)	YA60/21-DS0000-000002-ST0000-0000	284513	5.4 kg	

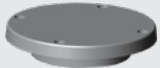
Additional gas groups and voltage variants are available; please use the selection table online at r-stahl.com. MY R. STAHL YA60A


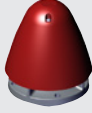
Technical Data		
Variant	YA60/21	YA60
Explosion Protection		
IECEX dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db	Ex tb IIIC T85 °C / T135 °C Db
IECEX gas explosion protection	Ex db IIC T6 / T4 Gb	Ex db IIB+H2 T6 / T4 Gb
ATEX gas explosion protection	⊕ II 2 G Ex db IIC T6 / T4 Gb	⊕ II 2 G Ex db IIB+H2 T6 / T4 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C / T100 °C Db	⊕ II 2 D Ex tb IIIC T85 °C / T135 °C Db
Electrical Data		
Tolerance	-10 ... 10 %	-10 ... 10 %

Technical Data		
Variant	YA60/21	YA60
Acoustic Data		
Sound pressure level	max. 110 dB(A) @ 1 m	max. 110 dB(A) @ 1 m
Tone selection	Via DIL switch	Via DIL switch
Sound level	4	2
Ambient Conditions		
Ambient temperature °C		-20 – 40 °C
Ambient temperature		-20 °C ... +40 °C (T6) -20 °C ... +60 °C (T4)
Mechanical Data		
Degree of protection (IP) (IEC 60529)	IP66	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant	Aluminium, powder-coated, Seawater-resistant
Trumpet material	ABS, flame retardant	ABS, flame retardant
Max. solid connection terminals	2.5 mm ²	2.5 mm ²
Max. finely stranded connection terminals	2.5 mm ²	2.5 mm ²
Enclosure colour	Red (RAL 3001)	red normal
Mounting / Installation		
Mounting part material	Sheet steel, powder-coated	Sheet steel, powder-coated
Components		
Drilled holes	2 x M20	2 x M20
Cable glands and entries	Can be ordered as accessories	Can be ordered as accessories
Stopping plugs	1 x M20 x 1.5 1 x dust cap	1 x M20 x 1.5 1 x dust cap
Stopping plug material	Brass	Brass

You can find more technical data online at r-stahl.com. MY R. STAHL YA60A

Accessories			
Figure	Description	Art. No.	Weight
Mounting accessories			
	L-bracket, stainless steel, (available for FL60, YL60, YA60)	210794	300 g
Metal cable gland			
	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	240 g
	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	240 g
	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	200 g
	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	200 g

Spare Parts			
Figure	Description	Art. No.	Weight
Cover FL60/YA60			
	Cover with set of screws	227892	1 kg

Spare Parts			
Figure	Description	Art. No.	Weight
Spare PCB assembly kit			
	PCB YL60/C 5 J/24 V DC	222970	126 g
Shaped horn assembly kit			
	Shaped horn YA60/YL60/YA6S/YL6S spare ATEX	213457	105 g

Fastening brackets are included in the delivery as standard.

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

