



MY R. STAHL YA60C



- The latest generation of audible and visual alarm devices
- Ex d/Ex e connection chambers
- Audible solutions with directional or omnidirectional horn with up to 120 dB(A) at 1 m, 4 tone channels and 64 preconfigured tones
- Four output levels can be configured
- Brackets and fixings made from stainless steel
- Compliant with EN 54/DNV
- Fastening bracket included

The YA60/3 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. The preconfigured signal tones provide a wide range of internationally standardised signal patterns, whereby four channels are available for each, enabling flexible use. The signalling devices meet the requirements of EN 54 and DNV for extremely challenging ambient conditions.

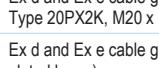
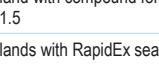
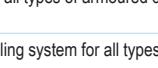
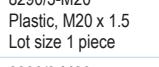
	IECEx / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table					
Horn version		directional			
Sound pressure level		max. 120 dB(A) @ 1 m			
Connection chamber version		AC rated operational voltage	Rated operational voltage DC	Product Type	Art. No.
Ex d		110 ... 240 V	133 ... 272 V	YA60/336-PL001-000010-ST000-0000	327525
		–	12 ... 27.2 V	YA60/336-DL001-000010-ST000-0000	319704
Ex e		110 ... 240 V	133 ... 272 V	YA60/326-PL001-000030-ST000-0000	319423
		–	12 ... 27.2 V	YA60/326-DL001-000030-ST000-0000	319422
Horn version		omnidirectional			
Sound pressure level		max. 114 dB(A) @ 1 m			
Connection chamber version		AC rated operational voltage	Rated operational voltage DC	Product Type	Art. No.
Ex d		110 ... 240 V	133 ... 272 V	YA60/336-PS001-000010-ST000-0000	327770
		–	12 ... 27.2 V	YA60/336-DS001-000010-ST000-0000	321474
Ex e		110 ... 240 V	133 ... 272 V	YA60/326-PS001-000030-ST000-0000	322576
		–	12 ... 27.2 V	YA60/326-DS001-000030-ST000-0000	312375

Technical Data		
Variant	YA60/3..-L directional	YA60/3 Ex d
Explosion Protection		
IECEx gas explosion protection	Ex db eb IIC T6 / T4 Gb	Ex db IIC T6 / T4 Gb
IECEx dust explosion protection	Ex tb IIIC T80 °C / T100 °C Db	Ex tb IIIC T80 °C / T100 °C Db
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 / T4 Gb	Ex II 2 G Ex db IIC T6 / T4 Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80 °C / T100 °C Db	Ex II 2 D Ex tb IIIC T80 °C / T100 °C Db
Certificates	ATEX (BVIS), IECEx (BVIS)	ATEX (BVIS), IECEx (BVIS)

Technical Data		
Variant	YA60/3..-L directional	YA60/3 Ex d
Explosion Protection		
Declaration of conformity	ATEX (EUK)	ATEX (EUK)
Acoustic Data		
Sound level	4	4
Ambient Conditions		
Ambient temperature	-40 °C ... 40 °C (T6) -40 °C ... 70 °C (T4)	-40 °C ... 40 °C (T6) -40 °C ... 70 °C (T4)
Storage temperature	-60 °C ... 70 °C	-60 °C ... 70 °C
Mechanical Data		
IP degree of protection (IEC 60598)	IP66	IP66
Enclosure material	Aluminium, powder-coated, Seawater-resistant	Aluminium, powder-coated, Seawater-resistant
Trumpet material	PC/PBT	PC/PBT
Max. solid connection terminals	4 mm ²	4 mm ²
Max. finely stranded connection terminals	2.5 mm ²	2.5 mm ²
Enclosure colour	red, similar to RAL 3020	red, similar to RAL 3020
Mounting / Installation		
Mounting part material	Stainless steel	Stainless steel
Connection type	Push in	Push in
Components		
Drilled holes	2 x M20 + 2 x M25	2x M20 + 2x 1/2"
Cable glands and entries	1 x M20 Ø 4 ... 13 mm 1 x M25 Ø 7 ... 17 mm	
Stopping plugs	2x M20 + 2x M25	2x M20 + 2x 1/2"
Stopping plug material	Polyamide, black	Nickel-plated brass

You can find more technical data online at r-stahl.com. MY R. STAHL YA60C

Accessories			
Figure	Description	Art. No.	Weight
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
Plastic cable gland	 8161/7-M20-1304, Ex e Polyamide, M20 x 1,5 mm, 4 – 13 mm Lot size 50 pieces	239156	10 g
Stopping plug	 8290/3-M20 Plastic, M20 x 1.5 Lot size 1 piece	143522	7 g
	 8290/3-M20 Plastic, M20 x 1.5 Lot size 100 pieces	285773	500 g

Spare Parts		Art. No.	Weight
Figure	Description		
Mounting accessories			
	L-bracket, stainless steel 1.4404	319271	655 g
	U-bracket, stainless steel 1.4404	319280	1.55 kg
Shaped horn			
	directional, repair kit	319249	1.01 kg
	omnidirectional, repair kit	319250	625 g

Fastening brackets are included in the delivery as standard.

Batch size: Purchase order quantity in [no. of units]; the delivery quantity is automatically rounded to the batch size.

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

