

# dHW - dHWR

## Ex-Proof Signal Bell



### Features

- Loud signal bell with typical bell tone
- For use in explosion endangered areas of zone 1 and 2
- Modular system with synthetic housing made of glass fibre reinforced polyester
- Flameproof chamber „d“ – terminal connection chamber in protection class increased safety „e“
- Lower weight – robust and corrosion proof design
- Insulation class II – no equipotential bonding required
- DC models with electronic contact breaker – significantly higher lifetime
- Model dHWR with integrated telephone call current relay

### Approvals

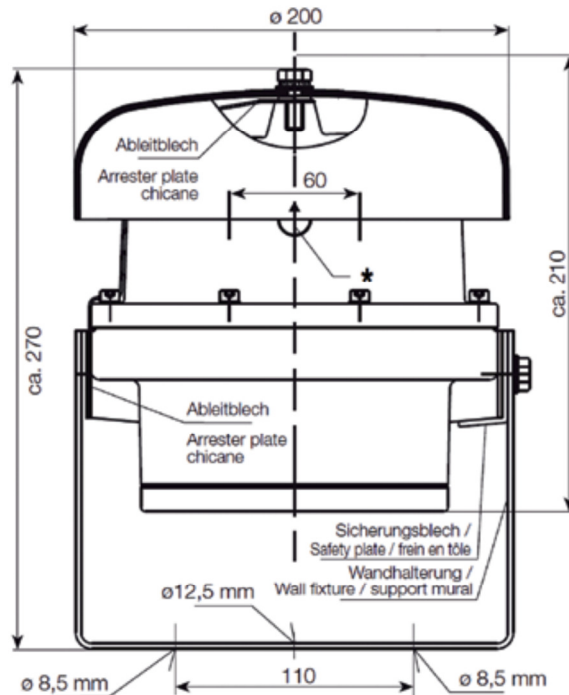
- ATEX certificate: PTB 01 ATEX 1134, EN 60079-0 : 2006, EN 60079-1 : 2004, EN 60079-7: 2003, EN 61241-0 : 2006, EN 61241-1 : 2004

### Technical data

Type	dHW - dHWR
Ingress protection	IP66
Temperature range	-20° to +40°C
Sound pressure	105dB
Housing, Colour	glass fibre reinforced polyester, black RAL 9005
Terminal	1,5 mm <sup>2</sup> fine wire 2,5mm <sup>2</sup> single wire
Cable entry	cable gland M20 x 1,5 blind plug M20 x 1,5 dHWR: 2 x cable gland M20 x 1,5
Mounting	as required - swivelling mounting bracket, preferably sound outlet to front or downwards
Operation	continuous
Insulation class	II no equipotential bonding required
Weight	6,0kg

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### Order data

Type	Order nr.	Classification	Denomination	Nominal voltage	Hz	Tone options		Voltage range	Nominal Current
						Tone types	Sound press.		
dHW	320 000 103	1	Ex-proof signal bell	6Vac	50	Continuous	105dB	+10%/-15%	
	320 000 104			12Vac					0,600A
	320 000 105			24Vac					0,320A
	320 000 107			42Vac					0,300A
	320 000 108			48Vac					0,300A
	320 000 109			60Vac					0,240A
	320 000 110			110Vac	0,140A				
	320 000 113			230Vac	0,055A				
	320 000 211			120Vac	60				0,180A
	320 000 213			240Vac	0,065A				
	320 000 003			6Vdc					1,200A
	320 000 004			12Vdc					0,600A
	320 000 005			24Vdc					0,350A
	320 000 008			48Vdc					0,300A
	320 000 009			60Vdc					0,230A
320 000 010	110Vdc		0,130A						
320 000 013	220Vdc		0,070A						
dHWR	320 100 113	1	Ex-proof signal bell with telephone call current relay	230Vac	50	Continuous	105dB	+10%/-15%	0,055A

<sup>1</sup> Zone 1, 2, 21, 22  
**ATEX / IECEx**  
 II 2G Ex de IIC T6  
 II 2D Ex tD A21 IP66 T80°C  
 -20°C ≤ Ta ≤ +40°C

