



Features

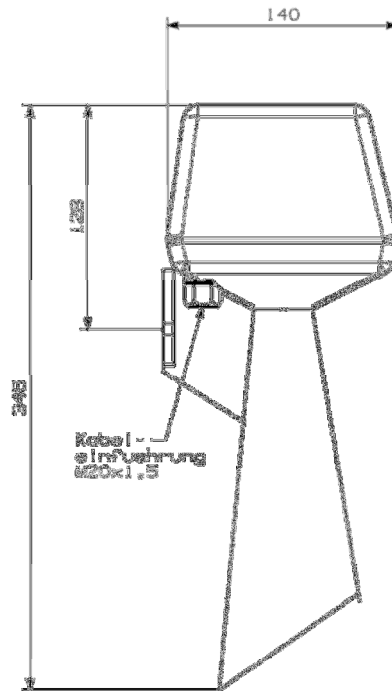
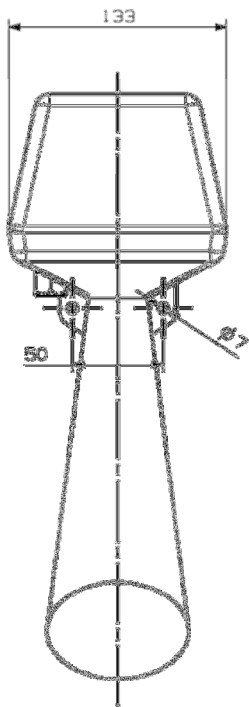
- Loud, well-designed signal horn
- For use in gas explosion endangered areas of zone 1 and 2
- Housing made of impact resistant synthetics
- Available in popular voltages
- Insulation class II
- DC models with electronic contact breaker
- Encapsulation

Approvals

- ATEX certificate: PTB 11 ATEX E 2026 X
- EN 60079-0 : 2006, EN 60079-7 : 2007, EN 60079-18: 2004
- EN 61241-0 : 2006, EN 61241-1 : 2004

Technical data

Type	mHPT
Ingress protection	IP54
Temperature range	-20° to +70°C
Sound pressure	108dB
Housing, Colour	polycarbonate, black RAL 9005
Terminal	up to 2,5 mm ²
Cable entry	cable gland M20 x 1,5
Mounting	sound outlet downwards
Operation	duty cycle 75%
Insulation class	II
Temperature range	T5: DC models: -20° to +60°C T5: AC models: -20° to +50°C
Driver system	non polarized electromagnet, striker hits diaphragm between 100 and 120 time/seconds; DC systems with electronic contact breaker



Order data

Type	Order nr.	Classification	Nominal voltage	Denomination	Hz	Tone options		Voltage range	Current
						Tone types	Sound press.		
mHPT	301 100 005	1	24Vdc	Design temperature range T5 Ex-proof signal horn	50	Continuous	108dB	+10%/-15%	0,30A
	301 100 110		115Vac					+10%/-15%	0,15A
	301 100 113		230Vac					+6%/-15%	0,07A

¹ Zone 1, 2
ATEX / IECEx
II 2G Ex e mb II T5
-20°C ≤ Ta ≤ +50°C (AC-Mod)
-20°C ≤ Ta ≤ +60°C (DC-Mod)

